

PRESS₀₀

Extension of CIDOC CRM and FRBR₀₀
for the modelling of bibliographic information
pertaining to periodicals

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Introduction

This document is the draft definition of PRESS₀₀, a formal ontology intended to capture and represent the underlying semantics of bibliographic information about continuing resources, and more specifically about periodicals (journals, newspapers, magazines, etc.). PRESS₀₀ is an extension of FRBR₀₀, which in turn is an extension of CIDOC CRM. FRBR₀₀ is an ontology of the underlying semantics of bibliographic information at large; it already deals with continuing resources, but at a very general level, and does not go into all the specific details required by the description of periodicals.

Continuing resources pose a particular modelling issue, in that their descriptions do not only reflect characteristics of existing products, but also, as long as the described resource still is being published, the expected characteristics of future behaviour. The main difference between cataloguing a monograph and cataloguing a serial could be expressed as follows: when you catalogue a monograph, you make statements about the past; when you catalogue a serial, you both make statements about the past and assumptions about the future. The CIDOC CRM model does not strive to model assumptions about the future; but it does declare a class that accounts for planned behaviours (no matter whether they were planned in the past or are still currently planned), E29 Design or Procedure. This class proved extremely useful, and even central, when developing the PRESS₀₀ model, as it was used as a superclass for Z12 Issuing Rule, which refers to elements of the policy established by the editor and/or publisher of a continuing resource. Bibliographic information about a continuing resource actually contains data about the various (and successive) instances of Z12 Issuing Rule that were followed in the course of the publication of a continuing resource. Most data elements found in a bibliographic record for a serial pertain to Z12 Issuing Rule rather than directly to the F18 Serial Work that was declared in FRBR₀₀.

(Note: Multi-volume monographs the volumes of which are not issued at once but over time are very similar, in that regard, to continuing resources, although they are not defined as such in normative documents used in libraries. In a sense, PRESS₀₀ can be said to cover multi-volume monographs as well, as long as the publication is not complete.)

ISBD defines continuing resources as resources that are ‘issued over time with no predetermined conclusion.’ As a logical consequence, FRBR₀₀ asserts that ‘there is in general no single expression or manifestation representing a complete serial work, unless the serial work is ended.’ It is only possible to model the relationships between a serial work and its past issues. The sum, at a given point in time (e.g., at the time the description is being made, or updated), of all the expressions of all past issues published so far, does not represent the complete serial work, but can be thought of as a ‘component’ of a virtual complete expression that does not exist yet. The serial work is being partially realised through an instance of F30 Publication Event that is still on-going as long as there is no ascertained knowledge that the continuing resource is ‘dead.’ This state of affairs is represented in Figure 1, where dot lines indicate ‘virtual’ instantiations of classes and properties that are expected to exist at one point in the future but do not belong to the present and cannot, therefore, be modelled in a strict sense.

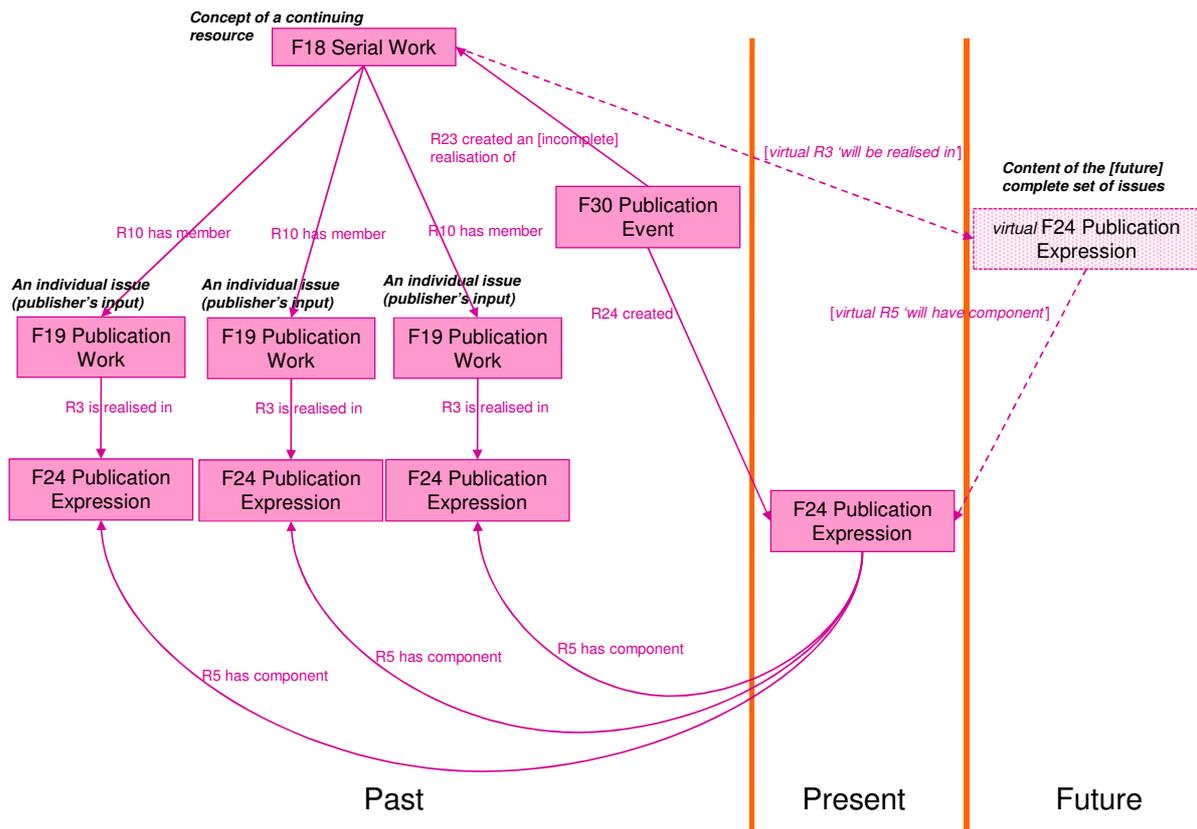


Figure 1. A continuing resource that is still being published

Once a continuing resource is ‘dead,’ it can be modelled in a strict sense as an object that exists in its entirety. Figure 2 shows how ‘dead’ serials are modelled in PRESS₀₀, in the context of physical publishing (as opposed to online publishing), and more particularly how the serial is connected with each of its individual issues, and how each individual issue is connected with individual articles. Of course, more complex cases occur in real life; e.g., a lengthy article can be ‘sliced’ and published over several issues. Such a case can be easily modelled, using either the *R5 has component* or *R15 has fragment* FRBR₀₀ property.

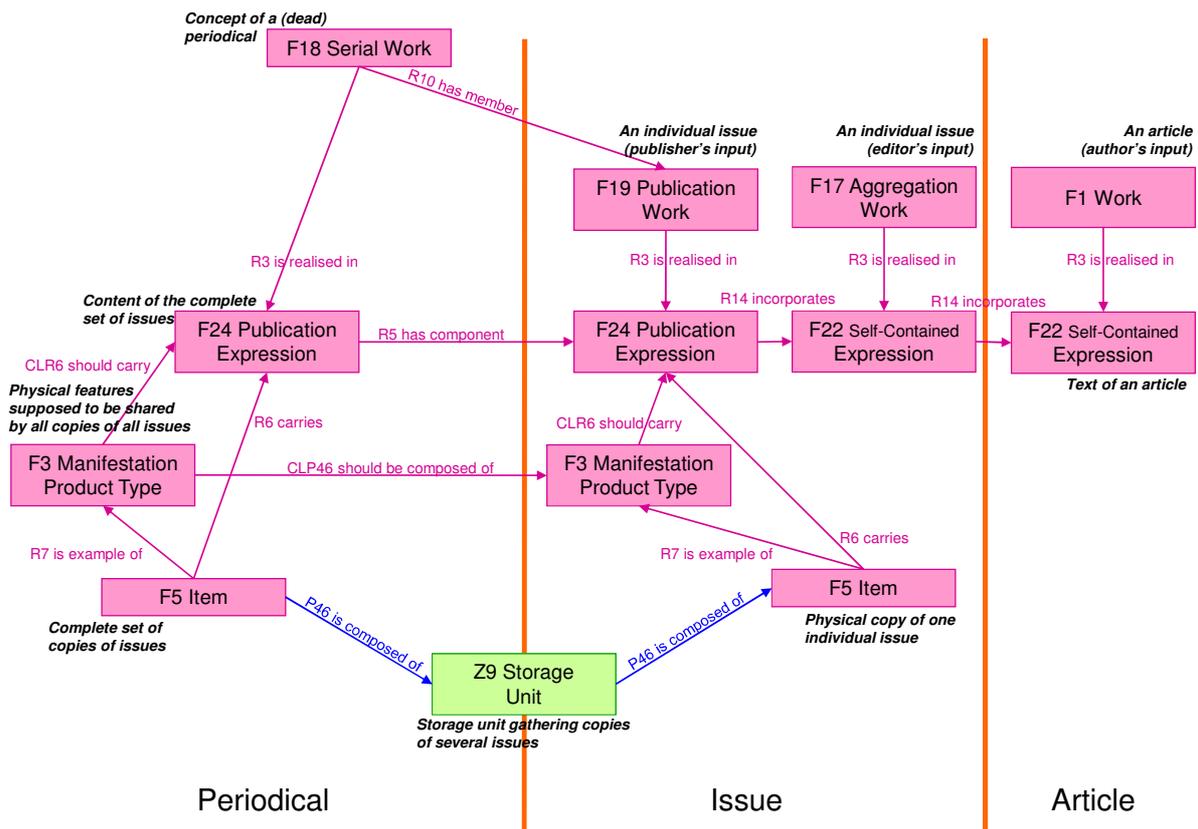


Figure 2. Periodical, Issue, Article (physical publishing; assuming the periodical is dead)

PRESS₀₀ deals with all kinds of periodicals, including online periodicals. FRBR₀₀ distinguishes between physical publishing and electronic (i.e., online) publishing. Physical publishing involves the creation of an instance of F3 Manifestation Product Type, while electronic publishing ignores that notion altogether. Figure 3 shows how online serials are modelled in PRESS₀₀, i.e., without using the F3 Manifestation Product Type class, once they are dead. Instances of F5 Item are downloaded files that carry either the publication expression of the complete serial, the publication expressions of individual issues, or the publication expression of an individual article.

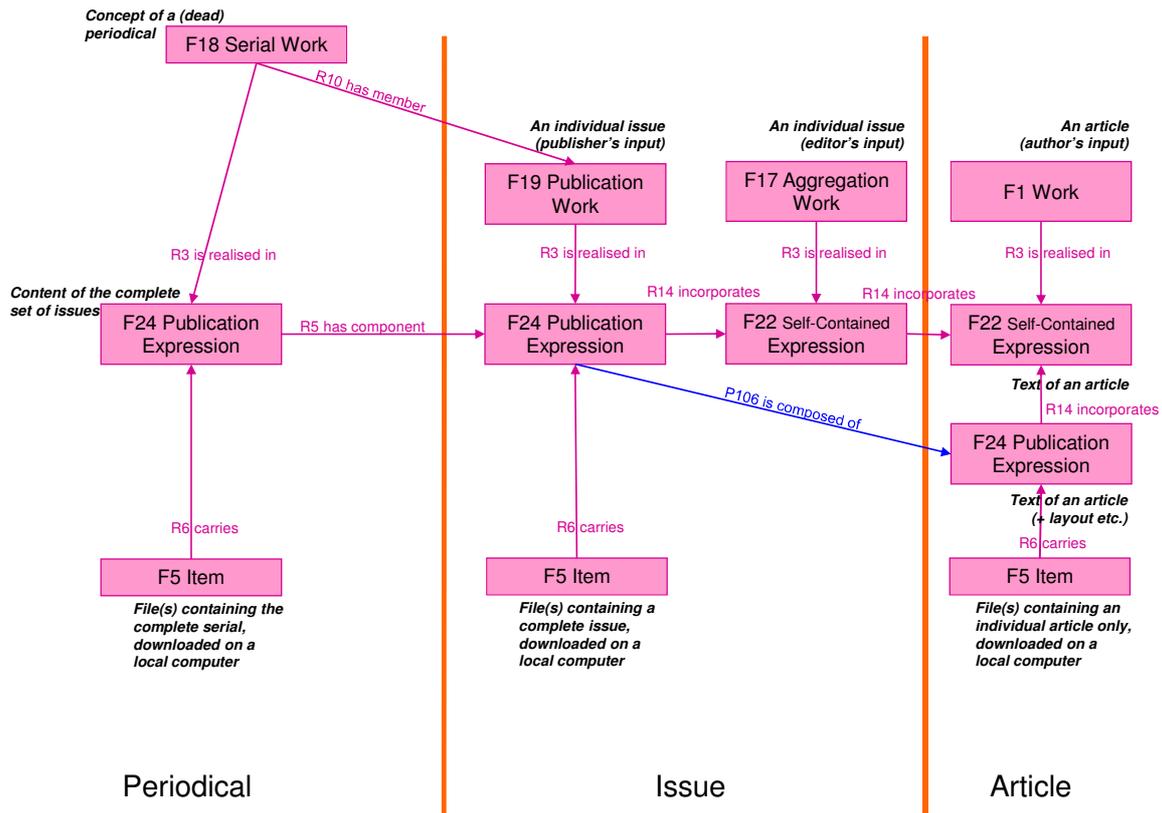


Figure 3. Periodical, Issue, Article (electronic publishing; assuming the periodical is dead)

Figure 4 shows how cases of ‘continuation’ are modelled in PRESS₀₀. The ISBD prescriptions include very specific rules as to when to regard a serial as the ‘continuation’ of another serial; very often, it is essentially a matter of title change, where the numbering of the issues that belong to the new title continues the numbering of the issues that belong to the former title. Some title changes are deemed ‘minor,’ in which case there is no formal ‘continuation,’ but just a title change for the same serial, while other title changes are deemed ‘major’ and imply the creation of a new bibliographic record for a serial that is regarded as distinct from what it was prior to the title change – no matter whether the publisher actually intended to publish a ‘new’ serial or not. Minor title changes are modelled through property *Y24 foresees use of title (is title foreseen in)* that relates a given title with a given instance of Z12 Issuing Rule, and the Z5 Issuing Rule Change class that allows for assigning chronological borders (if they are readily known) to the use of a specific title for one instance of F18 Serial Work. Major title changes are modelled through the notion of Z1 Serial Transformation which is introduced in PRESS₀₀ and does not exist in FRBR₀₀.

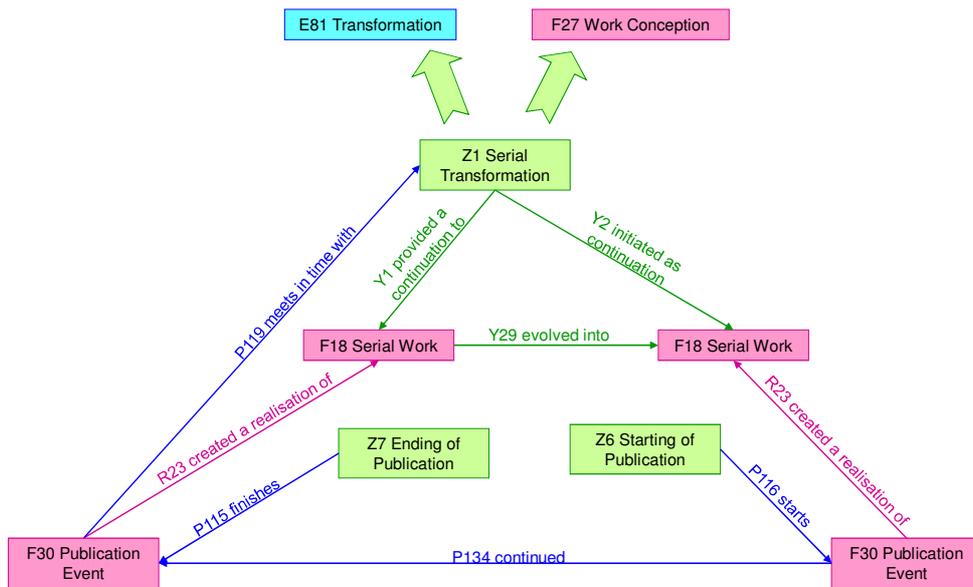


Figure 4. Modelling the relationship between two serials, one of which is the ‘continuation’ of the other

Figure 5 shows the modelling of cases of ‘replacement.’ The notion of replacement is very close to that of continuation, except that the numbering of the issues that belong to the new title starts over again. The circumstances that surround the disappearance are also different: while cases of continuation most often result from a deliberate decision on behalf of the publisher or editor of the serial, cases of replacement can be the consequence of external events, such as suppression by censorship. Also, a serial can supersede another without strictly ‘continuing’ it, because it carries out the same function as the serial that has ceased to be published. The transformation can occur several years after the publication of the earlier serial has ceased, it is therefore not possible to assert that the instance of F30 Publication Event of the earlier serial *P119 meets in time with* the instance of Z1 Serial Transformation; it may or it may not be the case.

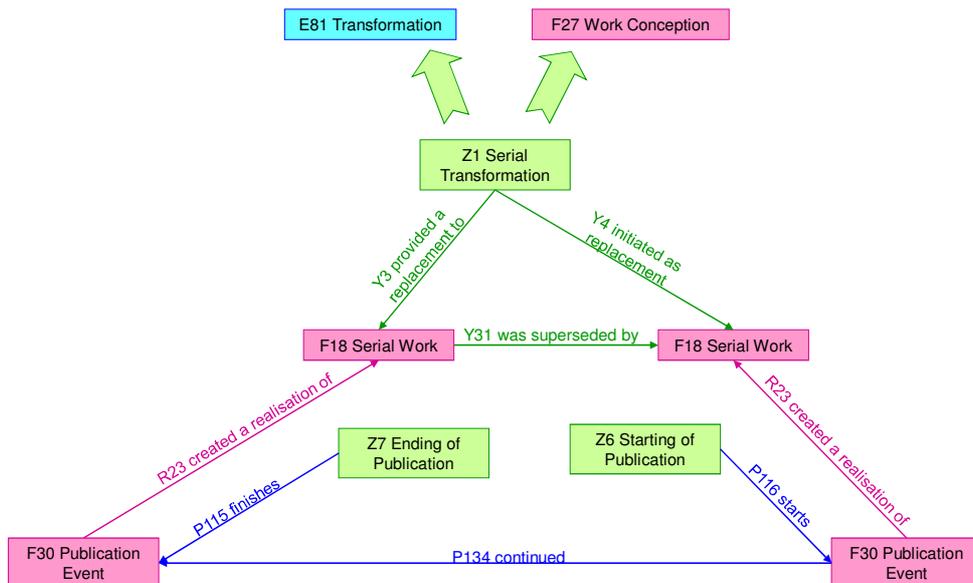


Figure 5. Modelling the relationship between two serials, one of which ‘supersedes’ the other

Figure 6 shows how cases of ‘absorption’ are modelled in PRESS₀₀. The activity of absorption is an event that puts an end to the publication of the absorbed serial(s) while it does not bring another serial into being but just ‘falls within’ (P10 property from CIDOC CRM) the publication process of the absorbing serial. A given periodical can be absorbed by more than one periodical. In some cases, a periodical that was absorbed can be ‘revived’.

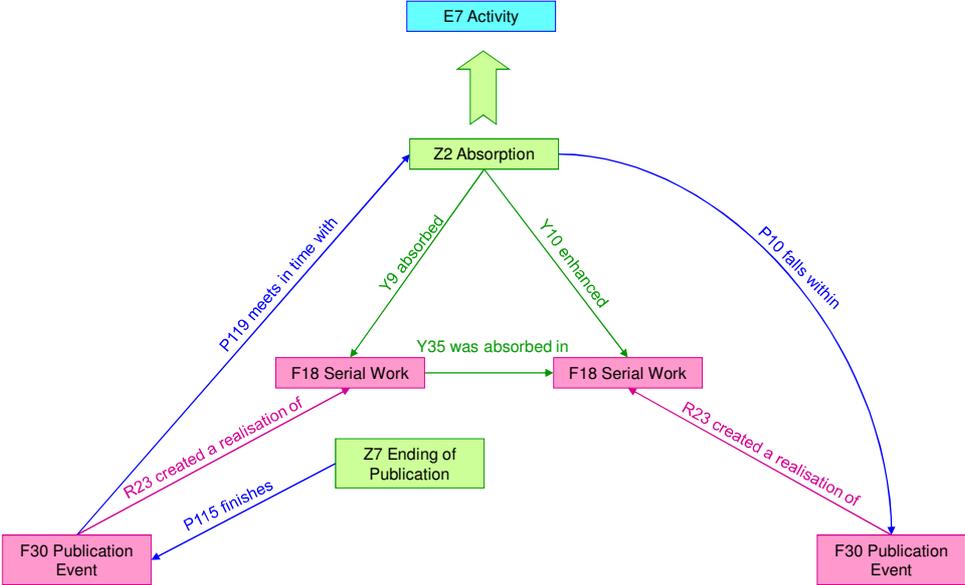


Figure 6. Modelling the relationship between two serials, one of which is ‘absorbed’ by the other

Figure 7 shows how cases of ‘separation’ are modelled in PRESS₀₀. The activity of separation is an event that initiates the publication of one (or more than one) serial that continues in part another serial which does not cease to be published. Such an event just ‘falls within’ the publication process of the original serial. In some cases, a periodical that separated itself from another serial can be absorbed back by the serial of which it originally was a part.

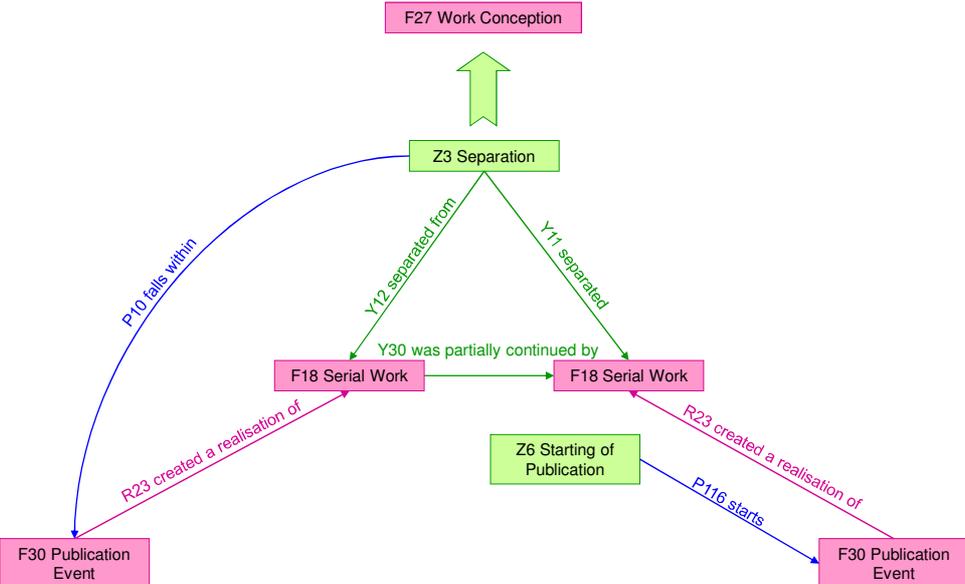


Figure 7. Modelling the relationship between two serials, one of which ‘separated’ itself from the other

Figure 8 shows how mergers are modelled in PRESS₀₀. A merger is a particular case of Z1 Serial Transformation that simultaneously brings a new serial work into being, and puts an end to the publication of at least two serials.

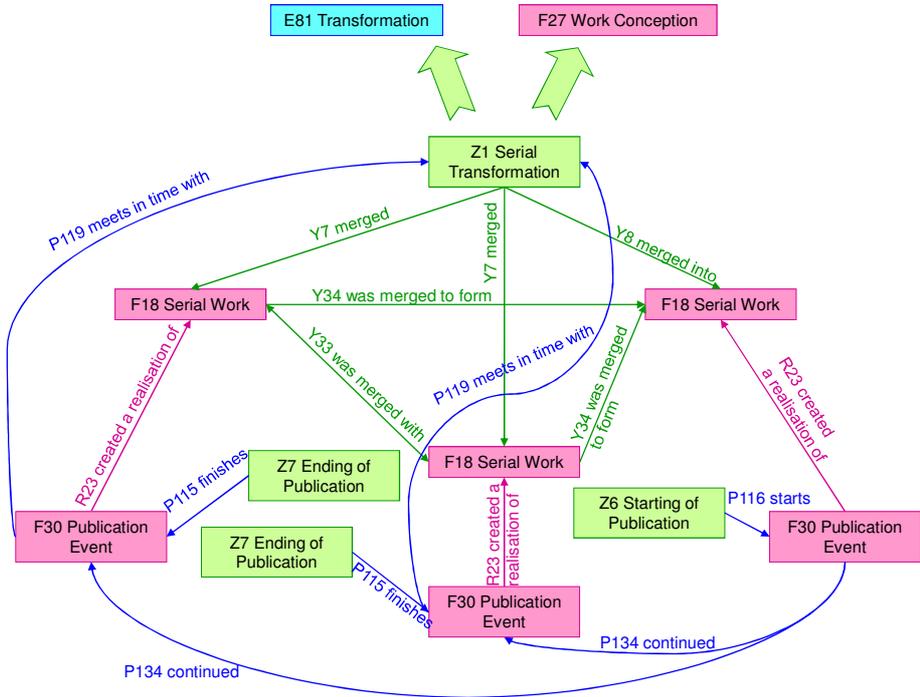


Figure 8. Modelling the relationships among three serials, two of which are ‘merged’ to create the third one

Figure 9 shows how splits are modelled in PRESS₀₀. A split is a particular case of Z1 Serial Transformation that simultaneously brings at least two new serial works into being, and puts an end to the publication of one serial.

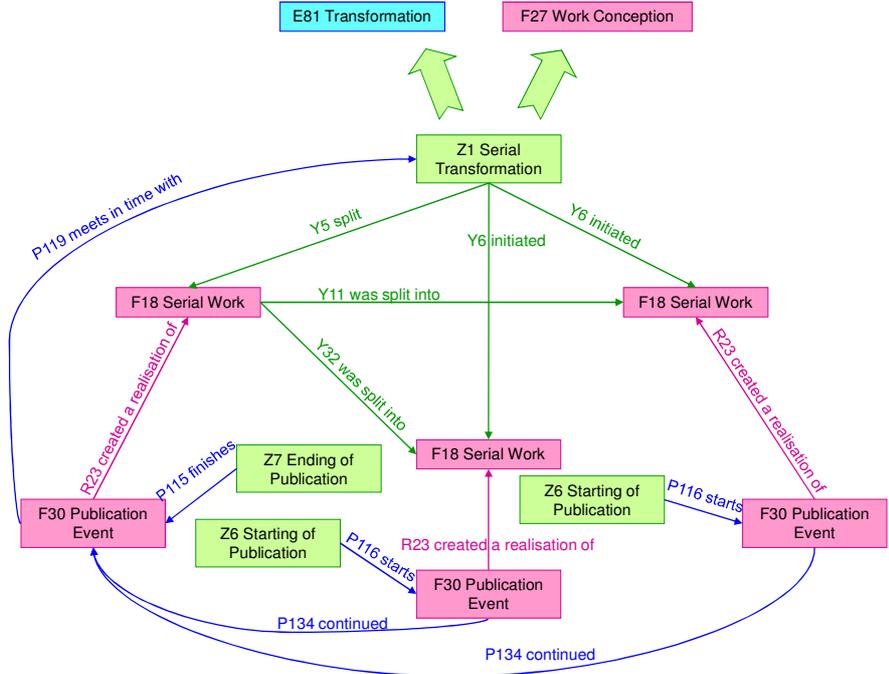


Figure 9. Modelling the relationships among three serials, one of which is ‘split’ to create the other two

Figure 10 shows how a case of temporary replacement of a serial with another serial (whether that other serial pre-existed the replacement or was created specifically on that occasion) is modelled in PRESS₀₀. The replacement does not put an end to the event of publication of the serial, but is regarded as a component of the overall activity that consists of publishing the serial (Z4 Temporary Substitution is declared as a subclass of F30 Publication Event, which makes a clear distinction between a (temporary) replacement and a continuation, since the notion of continuation is understood as a specific case of Z1 Serial Transformation, which is subclass of F27 Work Conception). If the replacing serial pre-exists the replacement and continues to be published after the replacement period is over, then the replacement just *P10 falls within* the publication event that creates a realisation of the replacing serial. If the replacing serial is created specifically to the end of replacing the earlier serial (and ceases to be published after the replacement period is over), then it is possible to assert that the instance of F27 Work Conception that initiated the replacing serial *P20 has specific purpose* the instance of Z4 Temporary Substitution.

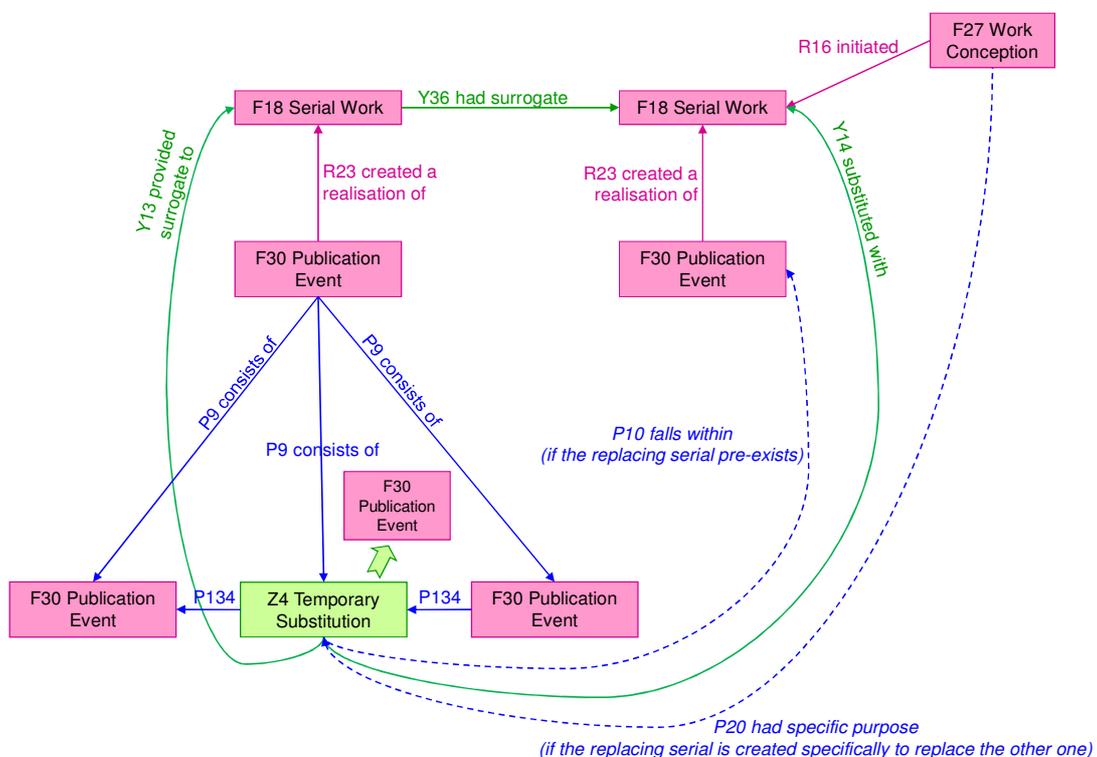


Figure 10. Modelling the temporary replacement of a serial with another serial

Figure 11 shows how the facsimile reprint of a (dead) serial as a monograph is modelled in FRBR₀₀ (there was no need to introduce any new class or property in PRESS₀₀ as everything that was required was already present in FRBR₀₀). The reprint is not necessarily a serial by its own nature; but end-users will usually expect to retrieve it even if they restrict their query parameters in a library catalogue to serials only. The *R14 incorporates* property between the two instances of F24 Publication Expression, in addition to the path from F18 Serial Work to F19 Publication work (the reprint) through F33 Reproduction Event, makes it possible to bypass this restriction and to include the reprint in the hit list without having to qualify wrongly the reprint as a serial.

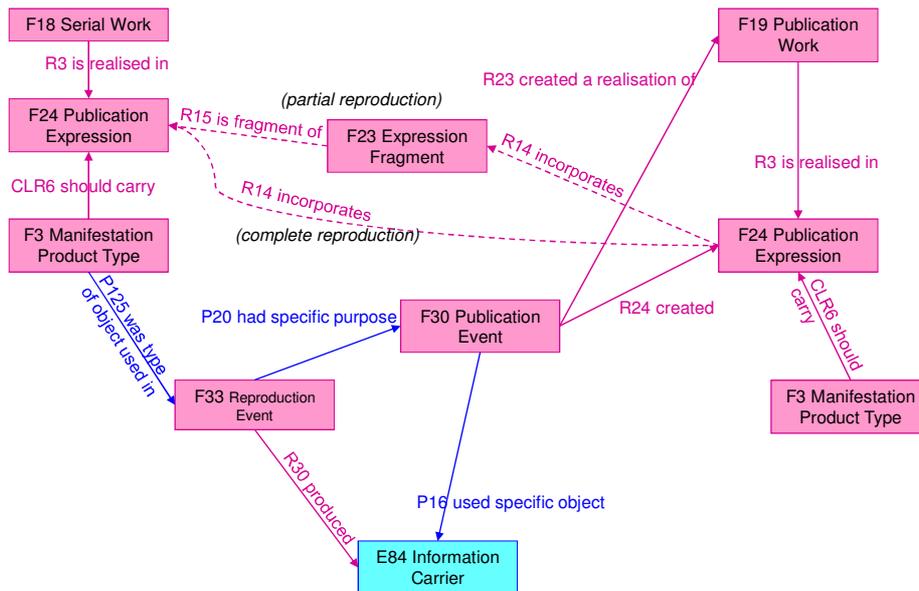


Figure 11. Modelling the relationship between a (dead) serial and its facsimile reprint as a monograph

Figure 12 shows how the digitization of a (dead) serial, and the subsequent publication of the resulting digital file on the Web, are modelled in FRBR₀₀, with the adjunction of the corresponding classes in CRMdig (an extension of the CIDOC CRM model that deals specifically with digitization processes and digital preservation). The resulting digital files are not necessarily published in the form of a serial: they can also be published as monographs. Once again, the *R14 incorporates* property makes it possible to retrieve the digitization as a match to a query restricted on serials without having to qualify wrongly the digitization as a serial if it has been released as a monograph.

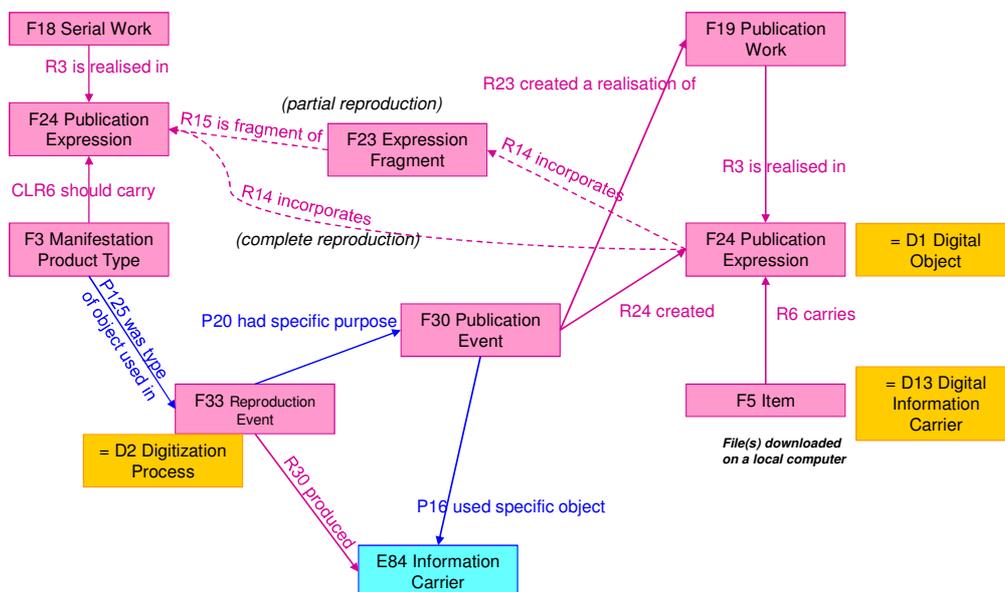


Figure 12. Modelling the relationship between a (dead) serial and its digitization made available online

A cumulative issue that repeats the content of several previously released issues of a periodical can be modelled as a publication that incorporates a fragment of the overall expression of a serial work (see Figure 13).

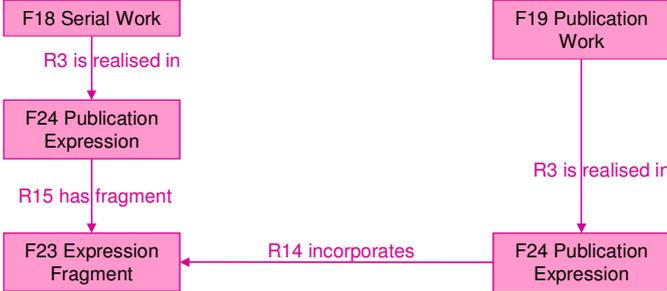


Figure 13. Modelling the relationship between a periodical and a cumulative issue

Naming conventions

The following naming conventions have been applied throughout PRESS₀₀:

- Classes borrowed from CIDOC CRM are identified by numbers preceded by the letter ‘E’, and are named using noun phrases. For example: E7 Activity.
- Classes borrowed from FRBR₀₀ are identified by numbers preceded by the letter ‘F’, and are named using noun phrases. For example: F1 Work.
- Classes declared in PRESS₀₀ for the first time are identified by numbers preceded by the letter ‘Z’ (which was chosen just because it is the last letter in the alphabet, and has no other meaning here), and are named using noun phrases. For example: Z1 Serial Transformation.
- Properties borrowed from CIDOC CRM are identified by numbers preceded by the letter ‘P’, and are named in both directions using verbal phrases. For example: *P1 identifies (is identified by)*.
- Properties borrowed from FRBR₀₀ are identified by numbers preceded by the letter ‘R’, the letters ‘CLP’ or the letters ‘CLR’, and are named in both directions using verbal phrases. For example: *R3 is realised in (realises)*; *CLP2 should have type (should be type of)*; *CLR6 should carry (should be carried by)*.
- Properties declared in PRESS₀₀ for the first time are identified by numbers preceded by the letter ‘Y’ (which was chosen just because it is the next to last letter in the alphabet, and has no other meaning here), and are named in both directions using verbal phrases. For example: *Y1 provided a continuation to (was continued through)*.
- Property names should be read in their non-parenthetical form for the domain-to-range direction, and in parenthetical form for the range-to-domain direction.
- Properties with a range that is a subclass of E59 Primitive Value have no parenthetical name form, because reading the property name in the range-to-domain direction is not regarded as meaningful.
- Properties that have identical domain and range are either symmetric or transitive. Instantiating a symmetric property implies that the same relation holds for both the domain-to-range and the range-to-domain directions. For example: *F18 Serial Work. Y33 was merged with: F18 Serial Work*. The names of symmetric properties have no parenthetical form, because reading in the range-to-domain direction is the same as the domain-to-range reading. Transitive asymmetric properties have a parenthetical form that relates to the meaning of the inverse direction. For example: *F18 Serial Work. Y34 was merged to form (resulted from merging): F18 Serial Work*.

Property quantifiers

Property quantifiers are repeated just as they stand in CIDOC CRM and FRBR₀₀, with the specific conventions that were chosen for each of these models (and that contradict each other). For properties that were introduced in PRESS₀₀ for the first time (‘Y’ properties), the same conventions were followed as in FRBR₀₀.

PRESS₀₀ class hierarchy, aligned with portions from the FRBR₀₀ and the CIDOC CRM class hierarchies

This class hierarchy lists:

- all classes declared in PRESS₀₀,
- all classes declared in FRBR₀₀ and CIDOC CRM that are declared as superclasses of classes declared in PRESS₀₀,
- all classes declared in FRBR₀₀ or CIDOC CRM that are either domain or range for a property declared in PRESS₀₀,
- all classes declared in FRBR₀₀ and CIDOC CRM that are either domain or range for a property declared in FRBR₀₀ or CIDOC CRM that is declared as superproperty of a property declared in PRESS₀₀,
- all classes declared in FRBR₀₀ and CIDOC CRM that are either domain or range for a property that is part of a complete path of which a property declared in PRESS₀₀ is declared to be a shortcut.

This class hierarchy does *not* list all classes that are necessary in order to account completely for the bibliographic description of a continuing resource; in particular, this class hierarchy does not list all the classes mentioned in the “Mapping from the data elements listed in the *ISSN Manual* to PRESS₀₀” to be found at the end of the present document.

E1	CRM Entity
E2	— Temporal Entity
E4	— — Period
E5	— — — Event
E7	— — — — Activity
Z2	— — — — — Absorption
Z5	— — — — — Issuing Rule Change
Z8	— — — — — Metadata Management
E11	— — — — — Modification
E12	— — — — — — Production
F28	— — — — — — — Expression Creation
F30	— — — — — — — — Publication Event
Z4	— — — — — — — — — Temporary Substitution
Z6	— — — — — — — — — Starting of Publication
Z7	— — — — — — — — — Ending of Publication
E65	— — — — — — Creation
F27	— — — — — — — Work Conception
Z1	— — — — — — — — Serial Transformation
Z3	— — — — — — — — Separation
<i>F28</i>	— — — — — — — <i>Expression Creation</i>
<i>F30</i>	— — — — — — — — <i>Publication Event</i>
Z4	— — — — — — — — — Temporary Substitution
Z6	— — — — — — — — — Starting of Publication
Z7	— — — — — — — — — Ending of Publication
E63	— — — — — — Beginning of Existence
<i>E12</i>	— — — — — — — <i>Production</i>
<i>F28</i>	— — — — — — — — <i>Expression Creation</i>
<i>F30</i>	— — — — — — — — — <i>Publication Event</i>
Z4	— — — — — — — — — Temporary Substitution
Z6	— — — — — — — — — Starting of Publication
Z7	— — — — — — — — — Ending of Publication

E65 — — — — — *Creation*
 F27 — — — — — *Work Conception*
Z1 — — — — — ***Serial Transformation***
Z3 — — — — — ***Separation***
 F28 — — — — — *Expression Creation*
 F30 — — — — — *Publication Event*
Z4 — — — — — ***Temporary Substitution***
Z6 — — — — — ***Starting of Publication***
Z7 — — — — — ***Ending of Publication***
 E81 — — — — — Transformation
Z1 — — — — — ***Serial Transformation***
 E64 — — — — — End of Existence
 E81 — — — — — *Transformation*
Z1 — — — — — ***Serial Transformation***
 E77 — Persistent Item
 E70 — — Thing
 E72 — — — Legal Object
 E18 — — — — — Physical Thing
 E19 — — — — — Physical Object
 E22 — — — — — Man-Made Object
Z9 — — — — — ***Storage Unit***
 E90 — — — — — Symbolic Object
 E73 — — — — — Information Object
 E31 — — — — — Document
 E32 — — — — — Authority Document
 F2 — — — — — Expression
 F23 — — — — — Expression Fragment
 E29 — — — — — Design or Procedure
Z12 — — — — — ***Issuing Rule***
 E33 — — — — — Linguistic Object
 E35 — — — — — Title
 E41 — — — — — Appellation
 E35 — — — — — *Title*
 E51 — — — — — Contact Point
Z11 — — — — — ***URL***
 E71 — — — Man-Made Thing
 E28 — — — — — Conceptual Object
 E55 — — — — — Type
Z10 — — — — — ***Sequencing Pattern***
 E56 — — — — — Language
 E89 — — — — — Propositional Object
 F1 — — — — — Work
 F15 — — — — — Complex Work
 F18 — — — — — Serial Work
 F16 — — — — — Container Work
 F19 — — — — — Publication Work
 F18 — — — — — *Serial Work*
 E73 — — — — — *Information Object*
 E31 — — — — — *Document*
 E32 — — — — — *Authority Document*
 F2 — — — — — *Expression*
 F23 — — — — — *Expression Fragment*
 E29 — — — — — *Design or Procedure*
Z12 — — — — — ***Issuing Rule***
 E33 — — — — — *Linguistic Object*

E35 — — — — — — — — — *Title*
 E90 — — — — — *Symbolic Object*
 E73 — — — — — — — *Information Object*
 E31 — — — — — — — *Document*
 E32 — — — — — — — — *Authority Document*
 F2 — — — — — — — *Expression*
 F23 — — — — — — — — *Expression Fragment*
 E29 — — — — — — — *Design or Procedure*
Z12 — — — — — — — — ***Issuing Rule***
 E33 — — — — — — — *Linguistic Object*
 E35 — — — — — — — — *Title*
 E41 — — — — — — — *Appellation*
 E35 — — — — — — — *Title*
 E51 — — — — — — — *Contact Point*
Z11 — — — — — — — — ***URL***
 E39 — — Actor
 E53 — Place
 E54 — Dimension

PRESS₀₀ property hierarchy, aligned with portions from the FRBR₀₀ and the CIDOC CRM property hierarchies

This property hierarchy lists:

- all properties declared in PRESS₀₀,
- all properties declared in FRBR₀₀ and CIDOC CRM that are declared as superproperties of properties declared in PRESS₀₀,
- all properties declared in FRBR₀₀ and CIDOC CRM that are part of a complete path of which a property declared in PRESS₀₀ is declared to be a shortcut.

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Property id	Property name	Domain	Range
P2	has type (is type of)	E1 CRM Entity	E55 Type
Y43	— is indicative of (is exemplified by)	F23 Expression Fragment	Z10 Sequencing Pattern
P12	occurred in the presence of (was present at)	E5 Event	E77 Persistent Item
P11	— had participant (participated in)	E5 Event	E39 Actor
P14	— — carried out by (performed)	E7 Activity	E39 Actor
P16	— used specific object (was used for)	E7 Activity	E70 Thing
R19	— — created a realisation of (was realised through)	F28 Expression Creation	F1 Work
R23	— — — created a realisation of (was realised through)	F30 Publication Event	F19 Publication Work
Y13	— — — — provided surrogate to (had surrogate through)	Z4 Temporary Substitution	F18 Serial Work
Y9	— — absorbed (was absorbed through)	Z2 Absorption	F18 Serial Work
Y10	— — enhanced (was enhanced through)	Z2 Absorption	F18 Serial work
Y14	— — substituted with (became surrogate through)	Z4 Temporary Substitution	F18 Serial Work
Y16	— — replaced with (was introduced through)	Z5 Issuing Rule Change	Z12 Issuing Rule
P92	— brought into existence (was brought into existence by)	E63 Beginning of Existence	E77 Persistent Item
P94	— — has created (was created by)	E65 Creation	E28 Conceptual Object
R16	— — — initiated (was initiated by)	F27 Work Conception	F1 Work
Y2	— — — — initiated as continuation (was initiated as continuation through)	Z1 Serial Transformation	F18 Serial Work
Y4	— — — — initiated as replacement (was replaced through)	Z1 Serial Transformation	F18 Serial Work
Y6	— — — — initiated (resulted from split)	Z1 Serial Transformation	F18 Serial Work
Y8	— — — — merged into (resulted from merger)	Z1 Serial Transformation	F18 Serial Work
Y11	— — — — separated (was separated through)	Z3 Separation	F18 Serial Work
P93	— took out of existence (was taken out of existence by)	E64 End of Existence	E77 Persistent Item
P124	— — transformed (was transformed by)	E81 Transformation	E77 Persistent Item
Y1	— — — provided a continuation to (was continued through)	Z1 Serial Transformation	F18 Serial Work
Y3	— — — provided a replacement to (was replaced through)	Z1 Serial Transformation	F18 Serial Work
Y5	— — — split (was split through)	Z1 Serial Transformation	F18 Serial Work
Y7	— — — merged (was merged through)	Z1 Serial Transformation	F18 Serial Work
Y12	— separated from (was diminished through)	Z3 Separation	F18 Serial Work
Y15	— replaced (was replaced through)	Z5 Issuing Rule Change	Z12 Issuing Rule

Property id	Property name	Domain	Range
P15	was influenced by (influenced)	E7 Activity	E1 CRM Entity
P16	— used specific object (was used for)	E7 Activity	E70 Thing
R19	— — created a realisation of (was realised through)	F28 Expression Creation	F1 Work
R23	— — — created a realisation of (was realised through)	F30 Publication Event	F19 Publication Work
Y13	— — — — <i>provided surrogate to (had surrogate through)</i>	Z4 Temporary Substitution	F18 Serial Work
Y9	— — <i>absorbed (was absorbed through)</i>	Z2 Absorption	F18 Serial Work
Y10	— — <i>enhanced (was enhanced through)</i>	Z2 Absorption	F18 Serial Work
Y14	— — <i>substituted with (became surrogate through)</i>	Z4 Temporary Substitution	F18 Serial Work
Y16	— — <i>replaced with (was introduced through)</i>	Z5 Issuing Rule Change	Z12 Issuing Rule
P17	— was motivated by (motivated)	E7 Activity	E1 CRM Entity
P67	refers to (is referred to by)	E89 Propositional Object	E1 CRM Entity
P71	— lists (is listed in)	E32 Authority Document	E1 CRM Entity
Y20	— foresees type (is type foreseen in)	Z12 Issuing Rule	E55 Type
Y21	— — foresees use of language (is language foreseen in)	Z12 Issuing Rule	E56 Language
Y22	— — foresees sequencing pattern (is sequencing pattern foreseen in)	Z12 Issuing Rule	Z10 Sequencing Pattern
Y23	— foresees dimension (is dimension foreseen in)	Z12 Issuing Rule	E54 Dimension
Y24	— foresees use of title (is title foreseen in)	Z12 Issuing Rule	E35 Title
Y28	— foresees URL (is URL foreseen in)	Z12 Issuing Rule	Z11 URL
P69	has association with (is associated with)	E29 Design or Procedure	E29 Design or Procedure
Y25	— foresees association with (foresees to be associated with)	Z12 Issuing Rule	Z12 Issuing Rule
Y26	— — foresees other edition (foresees to be another edition of)	Z12 Issuing Rule	Z12 Issuing Rule
Y27	— — — foresees translation in (foresees translation of)	Z12 Issuing Rule	Z12 Issuing Rule
P74	has current or former residence (is current or former residence of)	E39 Actor	E53 Place
P89	falls within (contains)	E53 Place	E53 Place
P115	finishes (is finished by)	E2 Temporal Entity	E2 Temporal Entity
P116	starts (is started by)	E2 Temporal Entity	E2 Temporal Entity
R11	has issuing rule (is issuing rule of)	F18 Serial Work	E29 Design or Procedure
Y37	— has former or current issuing rule (is former or current issuing rule)	F18 Serial Work	Z12 Issuing Rule
Y38	— — has current issuing rule (is current issuing rule of)	F18 Serial Work	Z12 Issuing Rule
Y17	launched (was launched through)	Z6 Starting of Publication	F18 Serial Work
Y18	ended (was ended through)	Z7 Ending of Publication	F18 Serial Work
Y19	concerned (was the concern of)	Z8 Metadata Management	F18 Serial Work
Y29	evolved into (continues)	F18 Serial Work	F18 Serial Work
Y30	was partially continued by (was separated from)	F18 Serial Work	F18 Serial Work
Y31	was superseded by (superseded)	F18 Serial Work	F18 Serial Work
Y32	was split into (resulted from splitting)	F18 Serial Work	F18 Serial Work
Y33	was merged with	F18 Serial Work	F18 Serial Work
Y34	was merged to form (resulted from merging)	F18 Serial Work	F18 Serial Work
Y35	was absorbed in (was enhanced by absorbing)	F18 Serial Work	F18 Serial Work
Y36	had surrogate (was surrogate for)	F18 Serial Work	F18 Serial Work
Y39	is enhanced by monograph (enhances serial)	F18 Serial Work	F19 Publication Work
Y40	enhances monograph (is enhanced by serial)	F18 Serial Work	F19 Publication Work
Y41	has former or current area of publication (is former or current area of publication)	F18 Serial Work	E53 Place
Y42	— has current area of publication (is current area of publication)	F18 Serial Work	E53 Place

PRESS₀₀ classes

Z1 Serial Transformation

Subclass of: F27 Work Conception
E81 Transformation

Superclass of:

Scope note: This class comprises activities that transform instances of F18 Serial Work into new instances of F18 Serial Work.

An instance of Z1 Serial Transformation consists of having the idea of starting the publication of one or more than one new serial (this is a particular case of F27 Work Conception), with a distinct intention of thus prolonging, under a new identity, one or more than one earlier serial, the publication of which has ceased, either due directly to the transformation project, or for any other reason.

The idea of starting a new serial can be contiguous with the disappearance of a serial, or occur quite some time after that event.

A transformation can be complete or only partial (e.g., a serial devoted to history of the Middle Ages and Renaissance can cease to be published as such and be continued by a new serial that is devoted to the Middle Ages only). This information element can be reflected through the *P2 has type (is type of)*: E55 Type from the CIDOC CRM model.

The most frequent cases of serial transformation are: continuation (in which the numbering of the issues of the new serial continues the numbering of the issues of the earlier serial), replacement (in which the numbering of the issues of the superseding serial starts over again), split (in which one serial is transformed into at least two serials), and merger (in which at least two serials are transformed into one serial).

The temporary substitution of a serial with another serial (either pre-existing or created for that purpose) is not regarded as a serial transformation but simply as an episode within the publication process of the serial that temporarily disappeared (see Scope Note for Z4 Temporary Substitution).

Cases of separation and absorption are not regarded as serial transformations either, as they do not involve the combination of the disappearance of a serial and the apparition of another serial, but just either the latter or the former.

Examples: Changing the title 'Journal of the Chemical Society. Dalton transactions' (ISSN '0300-9246') into 'Dalton: an international journal of inorganic chemistry' (ISSN '1470-479X') (a major title change)

Splitting the periodical entitled 'Colloids and surfaces' (ISSN '0166-6622') into the two periodicals entitled 'Colloids and surfaces. A, Physicochemical and engineering aspects' (ISSN '0927-7757') and 'Colloids and surfaces. B, Bionterfaces' (ISSN '0927-7765') (a split)

Merging the periodicals entitled 'Animal research' (ISSN '1627-3583'), 'Animal science' (ISSN '1357-7298'), and 'Reproduction nutrition development' (ISSN '0926-5287') into the periodical entitled 'Animal' (ISSN '1751-7311') (a merger)

Replacing the periodical entitled 'Le Patriote de Saône-et-Loire' (ISSN '1959-9935') with the new periodical entitled 'Le Démocrate de Saône-et-Loire' (ISSN '1959-9943') after the former was suppressed by censorship in 1850 (a definitive replacement)

Properties: [Y1](#) provided a continuation to (was continued through): F18 Serial Work
[Y2](#) initiated as continuation (was initiated as continuation through): F18 Serial Work
[Y3](#) provided a replacement to (was replaced through): F18 Serial Work
[Y4](#) initiated as replacement (was initiated as replacement through): F18 Serial Work
[Y5](#) split (was split through): F18 Serial Work
[Y6](#) initiated (resulted from split): F18 Serial Work
[Y7](#) merged (was merged through): F18 Serial Work
[Y8](#) merged into (resulted from merger): F18 Serial Work

Z2 Absorption

Subclass of: E7 Activity

Superclass of:

Scope note: This class comprises activities that result in instances of F18 Serial Work being absorbed by pre-existing instances of F18 Serial Work.

An absorption can be complete or only partial (e.g., a serial devoted to history in general can absorb specifically the portion devoted to the history of Middle Ages of another serial that is devoted to Middle Ages and Renaissance, while the portion devoted to Renaissance is just abandoned). This information element can be reflected through the *P2 has type (is type of)*: E55 Type from the CIDOC CRM model.

Examples: Absorbing the periodical entitled ‘Archiv für mathematische Logik und Grundlagenforschung’ (ISSN ‘0003-9268’) in the periodical entitled ‘Archiv für Philosophie’ (ISSN ‘0066-6467’)

Properties: [Y9](#) absorbed (was absorbed through): F18 Serial Work
[Y10](#) enhanced (was enhanced through): F18 Serial Work

Z3 Separation

Subclass of: F27 Work Conception

Superclass of:

Scope note: This class comprises activities that result in new instances of F18 Serial Work coming into being as the ‘offspring’ of pre-existing instances of F18 Serial Work that do not cease to be published after the separation has occurred.

Examples: Separating, in 1992, the periodical entitled ‘The Electrochemical society interface’ (ISSN ‘1064-8208’) from the periodical entitled ‘Journal of the Electrochemical society’ (ISSN ‘0013-4651’), which was founded in 1948 and continued to exist after 1992

Separating, in 1989, the annual publication entitled ‘Means plumbing cost data’ (ISSN ‘1042-3850’) from the periodical entitled ‘Means mechanical cost data’ (ISSN ‘0748-2698’), which was founded in 1983 and continued to exist after 1989

Properties: [Y11](#) separated (was separated through): F18 Serial Work
[Y12](#) separated from (was diminished through): F18 Serial Work

Z4 Temporary Substitution

Subclass of: F30 Publication Event

Superclass of:

Scope note: This class comprises activities that consist of publishing an instance of F18 Serial Work as a replacement for another instance of F18 Serial Work. The replacing instance of F18 Serial Work can either pre-exist the replacement, or be created specifically for the purpose of replacing the other instance of F18 Serial Work.

Examples: Temporarily substituting the periodical entitled ‘Le Petit Ardennais’ (ISSN ‘2019-2606’) with the periodical entitled ‘Le Journal ardennais’ (ISSN ‘2103-1622’) during a strike of printers and typographers from 23 December 1922 to 5 January 1923 [*Comment: the periodical entitled ‘Le Journal ardennais’ was created specifically for the purpose of being substituted to ‘Le Petit Ardennais’ during the strike, and ceased to be published after the end of the strike*]

Temporarily substituting the periodical entitled ‘L’Annonce: journal universel d’annonces civiles, judiciaires, commerciales et d’avis divers du département de la Seine’ with the periodical entitled ‘Le Pont-Neuf’ in April 1840 [*Comment: the periodical entitled ‘Le Pont-Neuf’ already existed prior to April 1840, and continued to be published after the periodical entitled ‘L’Annonce...’ resumed being published*]

Properties: [Y13](#) provided surrogate to (had surrogate through): F18 Serial Work
[Y14](#) substituted with (became surrogate through): F18 Serial Work

Z5 Issuing Rule Change

Subclass of: E7 Activity

Superclass of:

Scope note: This class comprises activities resulting in the modification of an element of the issuing policy followed in publishing a given continuing resource.

Examples: Transforming the bimonthly periodical entitled 'L' Avispa' (ISSN '1022-5870') into a quarterly from issue No. 9 (1992, April-June)

Changing the complete title of the periodical 'L' Avispa' (ISSN '1022-5870') from: 'L' Avispa, bimensual de teoría y debate' to: 'L' Avispa, revista trimestrial de teoría y debate' from issue No. 9 (1992, April-June)

Properties: [Y15](#) replaced (was replaced through): [Z12](#) Issuing Rule
[Y16](#) replaced with (was introduced through): [Z12](#) Issuing Rule

Z6 Starting of Publication

Subclass of: F30 Publication Event

Superclass of:

Scope note: This class comprises activities that consist of publishing the first issue of a given continuing resource.

An instance of Z6 Starting of Publication is part of the instance of F30 Publication Event that realises the entire continuing resource, and it is associated with it through property *P116 starts (is started by)* (i.e., the starting point of the instance of Z6 Starting of Publication coincides with the starting point of the instance of F30 Publication Event).

This class and Z7 Ending of Publication are not declared as disjoint, as the publication of the first issue of a continuing resource can also be the publication of its last issue, in cases where only one issue of a continuing resource was ever published. If no other issue of a periodical is published after the first issue, then both the instance of Z6 Starting of Publication and the instance of Z7 Ending of Publication *P114 [are] equal in time to* the instance of F30 Publication Event. As a matter of fact, the same event is then an instance of all three classes.

Examples: The publication of Volume 1, Number 1, of the periodical entitled 'Animal' (ISSN '1751-7311') in February 1997

Properties: [Y17](#) launched (was launched through): F18 Serial Work

Z7 Ending of Publication

Subclass of: F30 Publication Event

Superclass of:

Scope note: This class comprises activities that consist of publishing the latest known issue of a given continuing resource.

An instance of Z7 Ending of Publication is part of the instance of F30 Publication Event that realises the entire continuing resource, and it is associated with it through property *P115 finishes (is finished by)* (i.e., the ending point of the instance of Z7 Ending of Publication coincides with the ending point of the instance of F30 Publication Event).

This class and Z6 Starting of Publication are not declared as disjoint, as the publication of the first issue of a continuing resource can also be the publication of its latest known issue, in cases where only one issue of a continuing resource was ever published. If no other issue of a periodical is published after the first issue, then both the instance of Z6 Starting of Publication and the instance of Z7 Ending of Publication *P114 [are] equal in time to* the instance of F30 Publication Event. As a matter of fact, the same event is then an instance of all three classes.

Examples: The publication of Volume 15, Number 4, of the periodical entitled 'The Mask' in December 1929, which was not followed by the publication of any other issue of that periodical

Properties: [Y18](#) ended (was ended through): F18 Serial Work

Z8 Metadata Management

Subclass of: E7 Activity

Superclass of:

Scope note: This class comprises activities performed by ISSN agencies (either at the international or a regional level) and consisting of exerting a responsibility on the metadata relating to a continuing resource identified by an ISSN, which includes, among other things: storing and preserving the metadata, checking the accuracy of the recorded information, making decisions as to whether new records and new ISSNs are required or not due to modifications in the continuing resource described, checking the uniqueness of key titles, etc. Z8 Metadata Management does not *necessarily* include the activity of *creating* the metadata.

A set of ISSN metadata can be managed by various agencies over time, but at a given point in time it cannot be managed by more than one agency. In practice, information relating to the agency that was previously responsible for a given set of metadata is erased from that set of metadata when the responsibility on it is handed over to another agency.

[*Comment.* This scope note is very restrictive and specific, while the label for the class is deliberately very vague and general. The intention is to make it possible in the future, if needed, to generalize this class and include it in other conceptual models.]

Examples: The activities performed by U.S. ISSN Center with regard to the metadata relating to the periodical entitled 'The Atlantic Monthly' (ISSN '1072-7825')

Properties: [Y19](#) concerned (was the concern of): F18 Serial Work

Z9 Storage Unit

Subclass of: E22 Man-Made Object

Superclass of:

Scope note: This class comprises physical objects consisting of copies of individual issues (instances of F5 Item) of a periodical that are bound together, or otherwise physically united, for the sake of preservation, and are communicated to library users as single, indivisible units, although they were not initially issued as such by the publisher of the periodical they belong to.

Examples: The physical storage unit held by the BnF and containing under one binding exemplars of Vol. 307, No. 1 (January 2011) through Vol. 308, No. 5 (December 2011) of the periodical entitled 'The Atlantic Monthly' (ISSN '1072-7825')

Z10 Sequencing Pattern

Subclass of: E55 Type

Superclass of:

Scope note: This class comprises 'forms anticipated to be used in designating volumes/issues, etc. and/or dates for the individual units of the serial (e.g. Volume ..., number ...)' [*FRBR definition*].

A sequencing pattern is a type exemplified in one or more than one statement transcribed from one or more than one issue of a serial. The type itself is never recorded as such, but is only inferred from the transcribed statements.

Examples: The pattern consisting of a volume number in Arabic numerals, corresponding to the year of publication, and an issue number in Arabic numerals, corresponding to the month of publication, as exemplified by the statement 'Vol. 272, No. 5 (1993, Nov.)'

Z11 URL

Subclass of: E51 Contact Point

Superclass of:

Scope note: This class comprises identifiers for servers from which digital files can be obtained online.

Examples: 'http://www.mechanics-industry.org/action/displayJournal?jid=MIN'

Z12 Issuing Rule

Subclass of: E29 Design or Procedure

Superclass of:

Scope note: This class comprises plans that specify bits of the issuing policy followed at some point in time for instances of F18 Serial Work.

The notion of issuing policy may include: regularity, frequency, sequencing pattern, the language of the linguistic objects contained in each issue, dimension of each issue, the font used to print each issue, the layout and editorial rules adhered to in each issue, etc.

[*Note:* The notion of issuing rule is to be understood differently in PRESS₀₀ than in FRBR₀₀. In FRBR₀₀, property *R11 has issuing rule (is issuing rule)* points to a complete issuing policy that comprises a variety of parameters (regularity, frequency, dimension, language, etc.), while in PRESS₀₀ an instance of Z12 Issuing Rule focuses on only one of those parameters and consists of a plan for just the expected regularity, just the expected frequency, just the expected dimension, etc. This perspective shift was made necessary when it was realized that any change in just one of those parameters led to a new instantiation of Z12 Issuing Rule and new instantiations of all the ranges of the associated properties, with exactly the same value for each of them except for the one parameter that changes. It was deemed preferable to associate an instance of Z12 Issuing Rule with just one parameter of the issuing policy, which makes it possible that, e.g., a monthly was transformed into a quarterly without having to repeat that the expected language of its issues remains English.]

Examples: The policy consisting of publishing a magazine (entitled 'The Atlantic Monthly', ISSN '1072-7825') the issues of which are to be released every month

The policy consisting of publishing a magazine (ISSN '1072-7825') the issues of which are to be entitled 'The Atlantic Monthly'

The policy consisting of publishing a magazine (entitled 'The Atlantic Monthly', ISSN '1072-7825') the issues of which are to contain articles in English

Properties: [Y20](#) foresees type (is type foreseen in): E55 Type

Y20.1 has type: E55 Type

[Y21](#) foresees use of language (is language foreseen in): E56 Language

Y21.1 mode of use: E55 Type

[Y22](#) foresees sequencing pattern (is sequencing pattern foreseen in): [Z10](#) Sequencing Pattern

[Y23](#) foresees dimension (is dimension foreseen in): E54 Dimension

[Y24](#) foresees use of title (is title foreseen in): E35 Title

Y24.1 has type: E55 Type

[Y25](#) foresees association with (foresees to be associated with): [Z12](#) Issuing Rule

Y25.1 has type: E55 Type

[Y26](#) foresees other edition (foresees to be another edition of): [Z12](#) Issuing Rule

Y26.1 has type: E55 Type

[Y27](#) foresees translation in (foresees translation of): [Z12](#) Issuing Rule

[Y28](#) foresees URL (is URL foreseen in): [Z11](#) URL

PRESS₀₀ properties

Y1 provided a continuation to (was continued through)

Domain: [Z1](#) Serial Transformation
Range: F18 Serial Work
Subproperty of: E81 Transformation. P124 transformed (was transformed by): E77 Persistent Item
Superproperty of:
Quantification: (0:1,0:1)
Scope note: This property associates an instance of Z1 Serial Transformation with an instance of F18 Serial Work that underwent a ‘major’ title change that transformed it into another instance of F18 Serial Work.
Examples: Changing the title ‘Journal of the Chemical Society. Dalton transactions’ (ISSN ‘0300-9246’) into ‘Dalton: an international journal of inorganic chemistry’ (ISSN ‘1470-479X’) (Z1) *Y1 provided a continuation to* the periodical entitled ‘Journal of the Chemical Society. Dalton transactions’ (ISSN ‘0300-9246’) (F18)

Y2 initiated as continuation (was initiated as continuation through)

Domain: [Z1](#) Serial Transformation
Range: F18 Serial Work
Subproperty of: F27 Work Conception. R16 initiated (was initiated by): F1 Work
Superproperty of:
Quantification: (0:1,0:1)
Scope note: This property associates an instance of Z1 Serial Transformation with an instance of F18 Serial Work that resulted from a ‘major’ title change that affected another instance of F18 Serial Work.
Examples: Changing the title ‘Journal of the Chemical Society. Dalton transactions’ (ISSN ‘0300-9246’) into ‘Dalton: an international journal of inorganic chemistry’ (ISSN ‘1470-479X’) (Z1) *Y2 initiated as continuation* the periodical entitled ‘Dalton: an international journal of inorganic chemistry’ (ISSN ‘1470-479X’) (F18)

Y3 provided a replacement to (was replaced through)

Domain: [Z1](#) Serial Transformation
Range: F18 Serial Work
Subproperty of: E81 Transformation. P124 transformed (was transformed by): E77 Persistent Item
Superproperty of:
Quantification: (0:n,0:1)
Scope note: This property associates an instance of Z1 Serial Transformation with an instance of F18 Serial Work the publication of which had ceased and that was superseded by one or more than one instance of F18 Serial Work.
Examples: Replacing the periodical entitled ‘Le Patriote de Saône-et-Loire’ (ISSN ‘1959-9935’) with the new periodical entitled ‘Le Démocrate de Saône-et-Loire’ (ISSN ‘1959-9943’) after the former had been suppressed by censorship in 1850 (Z1) *Y3 provided a replacement to* the periodical entitled ‘Le Patriote de Saône-et-Loire’ (ISSN ‘1959-9935’) (F18)

Y4 initiated as replacement (was initiated as replacement through)

Domain: [Z1](#) Serial Transformation
Range: F18 Serial Work

Subproperty of: F27 Work Conception. R16 initiated (was initiated by): F1 Work

Superproperty of:

Quantification: (0:n,0:1)

Scope note: This property associates an instance of Z1 Serial Transformation with an instance of F18 Serial Work that was created with the distinct intention of being published in lieu of another instance of F18 Serial Work the publication of which had ceased.

Examples: Replacing the periodical entitled 'Le Patriote de Saône-et-Loire' (ISSN '1959-9935') with the new periodical entitled 'Le Démocrate de Saône-et-Loire' (ISSN '1959-9943') after the former had been suppressed by censorship in 1850 (Z1) *Y4 initiated as replacement* the periodical entitled 'Le Démocrate de Saône-et-Loire' (ISSN '1959-9943') (F18)

Y5 split (was split through)

Domain: [Z1](#) Serial Transformation

Range: F18 Serial Work

Subproperty of: E81 Transformation. P124 transformed (was transformed by): E77 Persistent Item

Superproperty of:

Quantification: (0:1,0:1)

Scope note: This property associates an instance of Z1 Serial Transformation with an instance of F18 Serial Work that was split in order to create new instances of F18 Serial Work.

Examples: Splitting the periodical entitled 'Colloids and surfaces' (ISSN '0166-6622') into the two periodicals entitled 'Colloids and surfaces. A, Physicochemical and engineering aspects' (ISSN '0927-7757') and 'Colloids and surfaces. B, Biointerfaces' (ISSN '0927-7765') (Z1) *Y5 split* the periodical entitled 'Colloids and surfaces' (ISSN '0166-6622') (F18)

Y6 initiated (resulted from split)

Domain: [Z1](#) Serial Transformation

Range: F18 Serial Work

Subproperty of: F27 Work Conception. R16 initiated (was initiated by): F1 Work

Superproperty of:

Quantification: (0:n,0:1)

Scope note: This property associates an instance of Z1 Serial Transformation with one or more than one instance of F18 Serial Work that resulted from splitting another instance of F18 Serial Work.

Examples: Splitting the periodical entitled 'Colloids and surfaces' (ISSN '0166-6622') into the two periodicals entitled 'Colloids and surfaces. A, Physicochemical and engineering aspects' (ISSN '0927-7757') and 'Colloids and surfaces. B, Biointerfaces' (ISSN '0927-7765') (Z1) *Y6 initiated* the periodical entitled 'Colloids and surfaces. A, Physicochemical and engineering aspects' (ISSN '0927-7757') (F18)

Splitting the periodical entitled 'Colloids and surfaces' (ISSN '0166-6622') into the two periodicals entitled 'Colloids and surfaces. A, Physicochemical and engineering aspects' (ISSN '0927-7757') and 'Colloids and surfaces. B, Biointerfaces' (ISSN '0927-7765') (Z1) *Y6 initiated* the periodical entitled 'Colloids and surfaces. B, Biointerfaces' (ISSN '0927-7765') (F18)

Y7 merged (was merged through)

Domain: [Z1](#) Serial Transformation

Range: F18 Serial Work

Subproperty of: E81 Transformation. P124 transformed (was transformed by): E77 Persistent Item

Superproperty of:

Quantification: (0:n,0:1)

Scope note: This property associates an instance of Z1 Serial Transformation with any one of the instances

of F18 Serial Work that were merged with each other in order to create a new instance of F18 Serial Work.

Examples: Merging the periodicals entitled ‘Animal research’ (ISSN ‘1627-3583’), ‘Animal science’ (ISSN ‘1357-7298’), and ‘Reproduction nutrition development’ (ISSN ‘0926-5287’) into the periodical entitled ‘Animal’ (ISSN ‘1751-7311’) (Z1) *Y7 merged* the periodical entitled ‘Animal research’ (ISSN ‘1627-3583’) (F18)

Merging the periodicals entitled ‘Animal research’ (ISSN ‘1627-3583’), ‘Animal science’ (ISSN ‘1357-7298’), and ‘Reproduction nutrition development’ (ISSN ‘0926-5287’) into the periodical entitled ‘Animal’ (ISSN ‘1751-7311’) (Z1) *Y7 merged* the periodical entitled ‘Animal science’ (ISSN ‘1357-7298’) (F18)

Merging the periodicals entitled ‘Animal research’ (ISSN ‘1627-3583’), ‘Animal science’ (ISSN ‘1357-7298’), and ‘Reproduction nutrition development’ (ISSN ‘0926-5287’) into the periodical entitled ‘Animal’ (ISSN ‘1751-7311’) (Z1) *Y7 merged* the periodical entitled ‘Reproduction nutrition development’ (ISSN ‘0926-5287’) (F18)

Y8 merged into (resulted from merger)

Domain: [Z1](#) Serial Transformation

Range: F18 Serial Work

Subproperty of: F27 Work Conception. R16 initiated (was initiated by): F1 Work

Superproperty of:

Quantification: (0:1,0:1)

Scope note: This property associates an instance of Z1 Serial Transformation with the instance of F18 Serial Work that resulted from merging other instances of F18 Serial Work.

Examples: Merging the periodicals entitled ‘Animal research’ (ISSN ‘1627-3583’), ‘Animal science’ (ISSN ‘1357-7298’), and ‘Reproduction nutrition development’ (ISSN ‘0926-5287’) into the periodical entitled ‘Animal’ (ISSN ‘1751-7311’) (Z1) *Y8 merged into* the periodical entitled ‘Animal’ (ISSN ‘1751-7311’) (F18)

Y9 absorbed (was absorbed through)

Domain: [Z2](#) Absorption

Range: F18 Serial Work

Subproperty of: E7 Activity. P16 used specific object (was used for): E70 Thing

Superproperty of:

Quantification: (1:n,0:1)

Scope note: This property associates an instance of Z2 Absorption with an instance of F18 Serial Work that was absorbed in another instance of F18 Serial Work.

Examples: Absorbing the periodical entitled ‘Archiv für mathematische Logik und Grundlagenforschung’ (ISSN ‘0003-9268’) in the periodical entitled ‘Archiv für Philosophie’ (ISSN ‘0066-6467’) (Z2) *Y9 absorbed* the periodical entitled ‘Archiv für mathematische Logik und Grundlagenforschung’ (ISSN ‘0003-9268’) (F18)

Absorbing the periodical entitled ‘Recueil des travaux chimiques des Pays-Bas’ (ISSN ‘0165-0513’) in the periodicals entitled ‘Liebig’s Annalen’ (ISSN ‘0947-3440’) and ‘Chemische Berichte’ (ISSN ‘0009-2940’) (Z2) *Y9 absorbed* the periodical entitled ‘Recueil des travaux chimiques des Pays-Bas’ (ISSN ‘0165-0513’) (F18)

Y10 enhanced (was enhanced through)

Domain: [Z2](#) Absorption

Range: F18 Serial Work

Subproperty of: E7 Activity. P16 used specific object (was used for): E70 Thing

Superproperty of:

Quantification: (1:n,0:n)

Scope note: This property associates an instance of Z2 Absorption with an instance of F18 Serial Work that absorbed another instance of F18 Serial Work.

Examples: Absorbing the periodical entitled 'Archiv für mathematische Logik und Grundlagenforschung' (ISSN '0003-9268') in the periodical entitled 'Archiv für Philosophie' (ISSN '0066-6467') (Z2) *Y10 enhanced* the periodical entitled 'Archiv für Philosophie' (ISSN '0066-6467') (F18)

Absorbing the periodical entitled 'Recueil des travaux chimiques des Pays-Bas' (ISSN '0165-0513') in the periodicals entitled 'Liebigs Annalen' (ISSN '0947-3440') and 'Chemische Berichte' (ISSN '0009-2940') (Z2) *Y10 enhanced* the periodical entitled 'Liebigs Annalen' (ISSN '0947-3440') (F18), and *Y10 enhanced* the periodical entitled 'Chemische Berichte' (ISSN '0009-2940') (F18)

Y11 separated (was separated through)

Domain: [Z3](#) Separation

Range: F18 Serial Work

Subproperty of: F27 Work Conception. R16 initiated (was initiated by): F1 Work

Superproperty of:

Quantification: (1:n,0:n)

Scope note: This property associates an instance of Z3 Separation with an instance of F18 Serial Work that resulted from the separation.

Examples: Separating, in 1992, the periodical entitled 'The Electrochemical society interface' (ISSN '1064-8208') from the periodical entitled 'Journal of the Electrochemical society' (ISSN '0013-4651'), which was founded in 1948 and continued to exist after 1992 (Z3) *Y11 separated* the periodical entitled 'The Electrochemical society interface' (ISSN '1064-8208') (F18)

Y12 separated from (was diminished through)

Domain: [Z3](#) Separation

Range: F18 Serial Work

Subproperty of: E5 Event. P12 occurred in the presence of (was present at): E77 Persistent Item

Superproperty of:

Quantification: (1:n,0:n)

Scope note: This property associates an instance of Z3 Separation with the instance of F18 Serial Work that was diminished through the separation.

Examples: Separating, in 1992, the periodical entitled 'The Electrochemical society interface' (ISSN '1064-8208') from the periodical entitled 'Journal of the Electrochemical society' (ISSN '0013-4651'), which was founded in 1948 and continued to exist after 1992 (Z3) *Y12 separated from* the periodical entitled 'Journal of the Electrochemical society' (ISSN '0013-4651') (F18)

Y13 provided surrogate to (had surrogate through)

Domain: [Z4](#) Temporary Substitution

Range: F18 Serial Work

Subproperty of: F30 Publication Event. R23 created a realisation of (was realised through): F19 Publication Work

Superproperty of:

Quantification: (1:n,0:n)

Scope note: This property associates an instance of Z4 Temporary Substitution with an instance of F18 Serial Work the publication of which was interrupted and replaced with the publication of a distinct instance of F18 Serial Work.

Examples: Temporarily substituting the periodical entitled 'Le Petit Ardennais' (ISSN '2019-2606') with the periodical entitled 'Le Journal ardennais' (ISSN '2103-1622') during a strike of printers and typographers from 23 December 1922 to 5 January 1923 (Z4) *Y13 provided surrogate to the periodical entitled 'Le Petit Ardennais' (ISSN '2019-2606') (F18) [Comment: the periodical entitled 'Le Journal ardennais' was created specifically for the purpose of being substituted to 'Le Petit Ardennais' during the strike, and ceased to be published after the end of the strike]*

Temporarily substituting the periodical entitled 'L'Annonce: journal universel d'annonces civiles, judiciaires, commerciales et d'avis divers du département de la Seine' with the periodical entitled 'Le Pont-Neuf' in April 1840 (Z4) *Y13 provided surrogate to the periodical entitled 'L'Annonce: journal universel d'annonces civiles, judiciaires, commerciales et d'avis divers du département de la Seine' (ISSN '2019-2606') (F18) [Comment: the periodical entitled 'Le Pont-Neuf' already existed prior to April 1840, and continued to be published after the periodical entitled 'L'Annonce...' resumed being published]*

Y14 substituted with (became surrogate through)

Domain: [Z4](#) Temporary Substitution

Range: F18 Serial Work

Subproperty of: E7 Activity. P16 used specific object (was used for): E70 Thing

Superproperty of:

Quantification: (1:n,0:n)

Scope note: This property associates an instance of Z4 Temporary Substitution with an instance of F18 Serial Work that temporarily replaced a distinct instance of F18 Serial Work the publication of which was interrupted.

Examples: Temporarily substituting the periodical entitled 'Le Petit Ardennais' (ISSN '2019-2606') with the periodical entitled 'Le Journal ardennais' (ISSN '2103-1622') during a strike of printers and typographers from 23 December 1922 to 5 January 1923 (Z4) *Y14 substituted with the periodical entitled 'Le Journal ardennais' (ISSN '2103-1622') (F18) [Comment: the periodical entitled 'Le Journal ardennais' was created specifically for the purpose of being substituted to 'Le Journal ardennais' during the strike, and ceased to be published after the end of the strike]*

Temporarily substituting the periodical entitled 'L'Annonce: journal universel d'annonces civiles, judiciaires, commerciales et d'avis divers du département de la Seine' with the periodical entitled 'Le Pont-Neuf' in April 1840 (Z4) *Y14 substituted with the periodical entitled 'Le Pont-Neuf' (F18) [Comment: the periodical entitled 'Le Pont-Neuf' already existed prior to April 1840, and continued to be published after that date]*

Y15 replaced (was replaced through)

Domain: [Z5](#) Issuing Rule Change

Range: [Z12](#) Issuing Rule

Subproperty of: E5 Event. P12 occurred in the presence of (was present at): E77 Persistent Item

Superproperty of:

Quantification: (1:1,0:1)

Scope note: This property associates an instance of Z5 Issuing Rule Change with the instance of Z12 Issuing Rule that became obsolete through that process.

Examples: Transforming the bimonthly periodical entitled 'L'Avispa' (ISSN '1022-5870') into a quarterly from issue No. 9 (1992, April-June) (Z5) *Y15 replaced the policy of issuing the periodical entitled 'L'Avispa' (ISSN '1022-5870') every two months (Z12)*

Changing the title of the periodical identified by ISSN '1022-5870' from: 'L'Avispa, bimensual de teoría y debate' to: 'L'Avispa, revista trimestrial de teoría y debate' from issue No. 9 (1992, April-June) (Z5) *Y15 replaced the policy of issuing the periodical identified by ISSN '1022-5870' with the title: 'L'Avispa, bimensual de teoría y debate' (Z12)*

Y16 replaced with (was introduced through)

Domain: [Z5](#) Issuing Rule Change
Range: [Z12](#) Issuing Rule
Subproperty of: E7 Activity. P16 used specific object (was used for): E70 Thing
Superproperty of:
Quantification: (1:1,0:1)
Scope note: This property associates an instance of Z5 Issuing Rule Change with the instance of Z12 Issuing Rule that came into force through that process.
Examples: Transforming the bimonthly periodical entitled 'L'Avispa' (ISSN '1022-5870') into a quarterly from issue No. 9 (1992, April-June) (Z5) *Y16 replaced with* the policy of issuing the periodical entitled 'L'Avispa' (ISSN '1022-5870') every three months (Z12)
Changing the title of the periodical identified by ISSN '1022-5870' from: 'L'Avispa, bimensual de teoría y debate' to: 'L'Avispa, revista trimestrial de teoría y debate' from issue No. 9 (1992, April-June) (Z5) *Y16 replaced with* the policy of issuing the periodical identified by ISSN '1022-5870' with the title: 'L'Avispa, revista trimestrial de teoría y debate' (Z12)

Y17 launched (was launched through)

Domain: [Z6](#) Starting of Publication
Range: F18 Serial Work
Shortcut of: Z6 Starting of Publication. P116 starts (is started by): F30 Publication Event. R23 created a realisation of (was realised through): F18 Serial Work
Superproperty of:
Quantification: (1:1,1:1)
Scope note: This property associates an instance of Z6 Starting of Publication with the serial the first issue of which was published through that process.
Examples: The publication of Volume 1, Number 1, of the periodical entitled 'Animal' (ISSN '1751-7311') in February 1997 (Z6) *Y17 launched* the periodical entitled 'Animal' (ISSN '1751-7311') (F18)

Y18 ended (was ended through)

Domain: [Z7](#) Ending of Publication
Range: F18 Serial Work
Shortcut of: Z7 Ending of Publication. P115 finishes (is finished by): F30 Publication Event. R23 created a realisation of (was realised through): F18 Serial Work
Superproperty of:
Quantification: (1:1,0:1)
Scope note: This property associates an instance of Z7 Ending of Publication with the serial the last issue of which was published through that process.
Examples: The publication of Volume 15, Number 4, of the periodical entitled 'The Mask' in December 1929, which was not followed by the publication of any other issue of that periodical (Z7) *Y18 ended* the periodical entitled 'The Mask' (F18)

Y19 concerned (was the concern of)

Domain: [Z8](#) Metadata Management
Range: F18 Serial Work
Shortcut of: Z8 Metadata Management. P16 used specific object (was used for): E32 Authority Document. P71 lists (is listed in): F18 Serial Work
Superproperty of:
Quantification: (1:1,0:1)
Scope note: This property associates an instance of Z8 Metadata Management with the instance of F18

Serial Work that is described in the metadata over which the ISSN agency performing the instance of Z8 Metadata Management has a responsibility.

Examples: The activities performed by U.S. ISSN Center with regard to the metadata relating to the periodical entitled ‘The Atlantic Monthly’ (ISSN ‘1072-7825’) (Z8) *Y19 concerned* the periodical entitled ‘The Atlantic Monthly’ (ISSN ‘1072-7825’) (F18)

Y20 foresees type (is type foreseen in)

Domain: [Z12](#) Issuing Rule

Range: E55 Type

Subproperty of: E89 Propositional Object. P67 refers to (is referred to by): E1 CRM Entity

Superproperty of: Z12 Issuing Rule. [Y21](#) foresees use of language (is language foreseen in): E56 Language
Z12 Issuing Rule. [Y22](#) foresees sequencing pattern (is sequencing pattern foreseen in): Z10 Sequencing Pattern

Quantification: (0:n,0:n)

Scope note: This property associates an instance of Z12 Issuing Rule with an instance of E55 Type that the issues of the continuing resource published while the instance of Z12 Issuing Rule obtained should have.

The *Y20.1 has type* property of the property allows the nature of the association to be specified; examples of types of types foreseen in instances of Z12 Issuing Rule include: regularity, frequency, nature of the carrier, digital format, content type, media type, target audience, etc.

Examples: The policy followed in publishing the periodical entitled ‘The Atlantic Monthly’ (ISSN ‘1072-7825’) (Z12) *Y20 foresees type regular* (E55) *Y20.1 has type regularity policy* (E55)

The policy followed in publishing the periodical entitled ‘The Atlantic Monthly’ (ISSN ‘1072-7825’) (Z12) *Y20 foresees type monthly* (E55) *Y20.1 has type frequency* (E55)

The policy followed in publishing the periodical entitled ‘L’ Avispa, bimensual de teoría y debate’ (ISSN ‘1022-5870’) before April 1992 (Z12) *Y20 foresees type bimonthly* (E55) *Y20.1 has type frequency* (E55)

The policy followed in publishing the periodical entitled ‘L’ Avispa, revista trimestrial de teoría y debate’ (ISSN ‘1022-5870’) from April 1992 on (Z12) *Y20 foresees type quarterly* (E55) *Y20.1 has type frequency* (E55)

The policy followed in publishing the periodical entitled ‘Kid’s again’ (ISSN ‘1950-7534’) (Z12) *Y20 foresees type CDROM* (E55) or *DVD* (E55) *Y20.1 has type carrier type policy* (E55)

The policy followed in publishing the periodical entitled ‘Bibliodiversity: publishing & globalisation’ (ISSN ‘1775-3759’) (Z12) *Y20 foresees type PDF* (E55), and *Y20 foresees type ePub* (E55) *Y20.1 has type digital format policy* (E55)

The policy followed in publishing the periodical entitled ‘The journal of interactive technology and pedagogy’ (ISSN ‘2166-6245’) (Z12) *Y20 foresees type text* (E55), *Y20 foresees type three-dimensional moving image* (E55), and *Y20 foresees type spoken word* (E55) *Y20.1 has type content type policy* (E55)

The policy followed in publishing the periodical entitled ‘The journal of interactive technology and pedagogy’ (ISSN ‘2166-6245’) (Z12) *Y20 foresees type computer* (E55), *Y20 foresees type video* (E55), and *Y20 foresees type audio* (E55) *Y20.1 has type media type policy* (E55)

Properties: Y20.1 has type: E55 Type

Y21 foresees use of language (is language foreseen in)

Domain: [Z12](#) Issuing Rule

Range: E56 Language

Subproperty of: [Z12](#) Issuing Rule. [Y20](#) foresees type (is type foreseen in): E55 Type

Superproperty of:

Quantification: (0:n,0:n)

Scope note: This property associates an instance of Z12 Issuing Rule with one or more than one language in which the contents of the serial are planned to be expressed.

The *Y21.1 mode of use* property of the property makes it possible to specify whether the language pointed to is envisioned as the language of the main body of text or of the abstracts only or as one of several parallel languages, etc.

Examples: The language policy followed in publishing the periodical entitled ‘The Atlantic Monthly’ (ISSN ‘1072-7825’) (Z12) *Y21 foresees use of language* English (E56) *Y21.1 mode of use* language of main text (E55)

The language policy followed in publishing the periodical entitled ‘Aber’ (ISSN ‘1625-3787’) (Z12) *Y21 foresees use of language* Breton (E56) *Y21.1 mode of use* language of main text (E55), and *Y21 foresees use of language* English (E56) *Y21.1 mode of use* language of abstracts (E55)

Properties: Y21.1 mode of use: E55 Type

Y22 foresees sequencing pattern (is sequencing pattern foreseen in)

Domain: [Z12](#) Issuing Rule

Range: [Z10](#) Sequencing Pattern

Subproperty of: [Z12](#) Issuing Rule. [Y20](#) foresees type (is type foreseen in): E55 Type

Superproperty of:

Quantification: (0:n,0:n)

Scope note: This property associates an instance of Z12 Issuing Rule with a sequencing pattern foreseen for the issues of a serial that follows that policy.

Typically, a sequencing pattern is not recorded in its archetypical form, but through the transcription of a statement found on one or more than one issue of the serial. The complete semantics of the relation between the serial described and the statement transcribed is contained in the following circle: F18 Serial Work *R10 has member* F19 Publication Work [= the concepts of the individual issue from which the statement is transcribed] *R3 is realised in* F24 Publication Expression *R15 has fragment* F23 Expression Fragment *Y43 is indicative of* Z10 Sequencing Pattern *Y22i is sequencing pattern foreseen in* Z12 Issuing Rule *Y37i is former or current issuing rule of* F18 Serial Work.

FRBR_{ER} distinguishes between the archetypical *Sequencing Pattern*, an attribute of the Expression entity, and the actual *Numbering*, an attribute of the Manifestation entity. The FRBR_{ER} *Sequencing Pattern* notion corresponds to Z10 Sequencing Pattern in PRESS_{OO}, while the FRBR_{ER} *Numbering* corresponds to the instance of F23 Expression Fragment used to convey the archetypical sequencing pattern and does not call for a specific class in PRESS_{OO}.

Examples: The sequencing pattern policy followed in publishing the periodical entitled ‘The Atlantic Monthly’ (ISSN ‘1072-7825’) (Z12) *Y22 foresees sequencing pattern* the pattern consisting of a volume number in Arabic numerals, corresponding to the year of publication, and an issue number in Arabic numerals, corresponding to the month of publication, as exemplified by the statement ‘Vol. 272, no. 5 (Nov. 1993)-’ transcribed in the record found in the Library of Congress’s catalogue (Z10)

Y23 foresees dimension (is dimension foreseen in)

Domain: [Z12](#) Issuing Rule

Range: E54 Dimension

Subproperty of: E89 Propositional Object. P67 refers to (is referred to by): E1 CRM Entity

Superproperty of:

Quantification: (0:n,0:n)

Scope note: This property associates an instance of Z12 Issuing Rule with a dimension foreseen for exemplars of the issues of a serial that follows that policy.

Typically, this property is observed on one exemplar of an issue of a serial, and extrapolated to all other exemplars of the issue and of other issues to come. This logical inference is an

induction along the path that can be modelled as: F18 Serial Work *Y37* has former or current issuing rule Z12 Issuing Rule, and F18 Serial Work *R10* has member F19 Publication Work *R3* is realised in F24 Publication Expression *R6i* is carried by F5 Item *P39i* was measured by E16 Measurement *P40* observed dimension E54 Dimension. [adapted from scope note for CLP43 should have dimension in *FRBR₀₀*]

Examples: The dimension policy followed in publishing the periodical entitled ‘The Atlantic Monthly’ (ISSN ‘1072-7825’) (*Z12*) *Y23* foresees dimension the dimension observed on the copy of the issue of ‘The Atlantic Monthly’ that was used to create the ISSN Registry bibliographic record for ‘The Atlantic Monthly’, namely: 27 cm (E54)

Y24 foresees use of title (is title foreseen in)

Domain: [Z12](#) Issuing Rule

Range: E35 Title

Subproperty of: E89 Propositional Object. P67 refers to (is referred to by): E1 CRM Entity

Superproperty of:

Quantification: (0:n,0:n)

Scope note: This property associates an instance of Z12 Issuing Rule with the title that each individual issue of a serial should display as long as that serial follows that policy.

The property *Y24.1* has type allows for specifying a particular type of title, the same way as the CIDOC CRM property *P102* has title (*is title of*) from E71 Man-Made Thing to E35 Title has a property, *P102.1* has type, that makes it possible to clarify the relationship between a man-made thing and the title associated with it.

The key title and abridged key title used to identify a serial cannot be referred to through this property, as they are artificial constructs forged by cataloguers, even though they may happen to look identical with the title proper foreseen by the issuing policy. The relationship between an instance of F18 Serial Work and a key title or abridged key title is expressed by using the *P48* has preferred identifier property from CIDOC CRM.

Examples: The title policy according to which the periodical entitled ‘L’Avispa’ (ISSN ‘1022-5870’) was to be issued every three months and each of its issues was to be entitled ‘L’Avispa: revista trimestrial de teoría y debate’ (*Z12*) *Y24* foresees use of title ‘revista trimestrial de teoría y debate’ (E35) *Y24.1* has type other title information (E55)

The title policy according to which each issue of the yearbook entitled ‘Canadian minerals yearbook’ (ISSN ‘0068-9270’) was to have spine title: ‘CMY ... review and outlook’ (*Z12*) *Y24* foresees use of title ‘CMY ... review and outlook’ (E35) *Y24.1* has type spine title (E55)

Properties: *Y24.1* has type: E55 Type

Y25 foresees association with (foresees to be associated with)

Domain: [Z12](#) Issuing Rule

Range: [Z12](#) Issuing Rule

Subproperty of: E29 Design or Procedure. P69 has association with (is associated with): E29 Design or Procedure

Superproperty of: [Z12](#) Issuing Rule. [Y26](#) foresees other edition (foresees to be another edition of): [Z12](#) Issuing Rule

Quantification: (0:n,0:n)

Scope note: This property associates an instance of Z12 Issuing Rule with an instance of Z12 Issuing Rule associated with a continuing resource that the first instance of Z12 Issuing Rule regards as related in some way with the continuing resource of which it is an issuing rule.

It can denote a dynamic, asymmetric relationship where the range expresses the dependant publication, if such a direction can be established. Otherwise, it denotes a symmetric relationship, where none of the two continuing resources is regarded as dependant on the other.

The *Y25.1* has type property of the property allows the nature of the association to be specified; examples of types of association between instances of Z12 Issuing Rule include: supplement,

issued with, insert, etc.

- Examples: The association policy followed in publishing the periodical entitled 'Applied economics quarterly' (ISSN '1611-6607') (Z12) *Y25 foresees association with* the association policy followed in publishing the periodical entitled 'Applied economics quarterly. Supplement' (ISSN '1612-2127') (Z12) *Y25.1 has type* supplement (E55)
- The association policy followed in publishing the periodical entitled 'BMS. Bulletin de méthodologie sociologique' (ISSN '0759-1063') (Z12) *Y25 foresees association with* the association policy followed in publishing the periodical entitled 'RC 33 newsletter' (ISSN '1023-5833') (Z12) *Y25.1 has type* insert (E55)
- The association policy followed in publishing the periodical entitled 'La Revue européenne' (ISSN '1147-6818') (Z12) *Y25 foresees association with* the association policy followed in publishing the series entitled 'Collection de la Revue européenne' (ISSN '1245-5601') (Z12)
- Properties: Y25.1 has type: E55 Type

Y26 foresees other edition (foresees to be another edition of)

- Domain: [Z12](#) Issuing Rule
- Range: [Z12](#) Issuing Rule
- Subproperty of: [Z12](#) Issuing Rule. [Y25](#) foresees association with (foresees to be associated with): [Z12](#) Issuing Rule
- Superproperty of: [Z12](#) Issuing Rule. [Y27](#) foresees translation in (foresees translation of): [Z12](#) Issuing Rule
- Quantification: (0:n,0:n)
- Scope note: This property associates an instance of Z12 Issuing Rule with an instance of Z12 Issuing Rule associated with a continuing resource that the first instance of Z12 Issuing Rule regards as another edition of the continuing resource of which it is an issuing rule.
- It can denote a dynamic, asymmetric relationship where the range expresses the dependant publication, if such a direction can be established. Otherwise, it denotes a symmetric relationship, where none of the two continuing resources is regarded as dependant on the other.
- In addition to being a subproperty of *Y251 foresees association with (foresees to be associated with)*, it can also be analysed as a shortcut of the more developed path: Z12 Issuing Rule *Y37i is former or current issuing rule of* F18 Serial Work *R10i is member of* F15 Complex Work *R10 has member* F18 Serial Work *Y37 has former or current issuing rule* Z12 Issuing Rule.
- The *Y26.1 has type* property of the property allows the nature of the association to be specified; examples of types of association between instances of Z12 Issuing Rule include: other edition, other format, local edition, other edition on a different type of carrier, abridged edition, edition in a different language, etc.

- Examples: The multi-edition policy followed in publishing the printed periodical entitled 'East European politics' (ISSN '2159-9165') (Z12) *Y26 foresees other edition* the multi-edition policy followed in publishing the online periodical entitled 'East European politics' (ISSN '2159-9173') (Z12) *Y26.1 has type* other edition on a different type of carrier (E55)
- The multi-edition policy followed in publishing the periodical entitled 'The Garden Conservancy open days directory' ([national edition]) (ISSN '1087-7738') (Z12) *Y26 foresees other edition* the multi-edition policy followed in publishing the periodical entitled 'The Garden Conservancy open days directory. The guide to visiting private gardens in the Midwest' (ISSN '1546-8747') (Z12) *Y26.1 has type* local edition (E55)
- The multi-edition policy followed in publishing the periodical entitled 'Чернобыль-индекс' (Z12) *Y26 foresees other edition* the multi-edition policy followed in publishing the periodical entitled 'Chernobyl digest of current relevant literature' (Z12) *Y26.1 has type* abridged edition (E55)
- The multi-edition policy followed in publishing the periodical entitled 'Wall Street journal (Eastern ed.)' (ISSN '0099-9660') (Z12) *Y26 foresees other edition* the multi-edition policy followed in publishing the periodical entitled 'Wall Street journal (Central ed.)' (ISSN '1092-0935') (Z12) *Y26.1 has type* other edition (E55)
- Propriétés: Y26.1 has type: E55 Type

Y27 foresees translation in (foresees translation of)

Domain: [Z12](#) Issuing Rule
Range: [Z12](#) Issuing Rule
Subproperty of: [Z12](#) Issuing Rule. [Y26](#) foresees other edition (foresees to be another edition of): [Z12](#) Issuing Rule
Superproperty of:
Quantification: (0:n,0:n)
Scope note: This property associates an instance of Z12 Issuing Rule with an instance of Z12 Issuing Rule associated with a continuing resource that, according to the respective issuing policies of the two continuing resources, should contain a translation of the content of the first continuing resource.
This is not the same notion as the association of a continuing resource with one or more than one 'edition in a different language', which is expressed through property *Y26 foresees other edition (foresees to be another edition of)*.
Examples: The translation policy followed in publishing the French-language periodical entitled 'Sud de France: la lettre' (ISSN '1962-3305') (Z12) *Y27 foresees translation in* the translation policy followed in publishing the English-language periodical entitled 'Sud de France: newsletter' (ISSN '1962-3313') (Z12)

Y28 foresees URL (is URL foreseen in)

Domain: [Z12](#) Issuing Rule
Range: [Z11](#) URL
Subproperty of: E89 Propositional Object. P67 refers to (is referred to by): E1 CRM Entity
Superproperty of:
Quantification: (0:n,0:n)
Scope note: This property associates an instance of Z12 Issuing Rule with an instance of Z11 URL that identifies the server from which digital files containing the issues of the continuing resource with which the instance of Z12 Issuing Rule is associated are available on the Web.
Examples: The URL policy followed in publishing the online periodical entitled 'Mechanics & industry: an international journal on mechanical sciences and engineering applications' (ISSN '2257-7750') (Z12) *Y28 foresees URL* 'http://www.mechanics-industry.org/action/displayJournal?jid=MIN' (E51)

Y29 evolved into (continues)

Domain: F18 Serial Work
Range: F18 Serial Work
Shortcut of: F18 Serial Work. [Y1i](#) was continued through: [Z1](#) Serial Transformation. [Y2](#) initiated as continuation: F18 Serial Work
Superproperty of:
Quantification: (0:1,0:1)
Scope note: This property associates an instance of F18 Serial Work with the instance of F18 Serial Work into which it was transformed, due to a 'major' title change.
Examples: The periodical entitled 'Journal of the Chemical Society. Dalton transactions' (ISSN '0300-9246') (F18) *Y29 evolved into* the periodical entitled 'Dalton: an international journal of inorganic chemistry' (ISSN '1470-479X') (F18)

Y30 was partially continued by (was separated from)

Domain: F18 Serial Work

Range: F18 Serial Work
Shortcut of: F18 Serial Work. [Y12i](#) was diminished through (separated from): [Z3](#) Separation. [Y11](#) separated (was separated through): F18 Serial Work
Superproperty of:
Quantification: (0:n,0:n)
Scope note: This property associates an instance of F18 Serial Work with an instance of F18 Serial Work that was separated from it through an instance of Z3 Separation.
Examples: The periodical entitled 'Journal of the Electrochemical society' (ISSN '0013-4651') (F18) *Y30 was partially continued* by the periodical entitled 'The Electrochemical society interface' (ISSN '1064-8208') (F18)

Y31 was superseded by (superseded)

Domain: F18 Serial Work
Range: F18 Serial Work
Shortcut of: F18 Serial Work. [Y3i](#) was replaced through: [Z1](#) Serial Transformation. [Y4](#) initiated as replacement: F18 Serial Work
Superproperty of:
Quantification: (0:n,0:n)
Scope note: This property associates an instance of Z1 Serial Transformation with an instance of F18 Serial Work that was created with the distinct intention of being published in lieu of another instance of F18 Serial Work the publication of which had ceased.
Examples: The periodical entitled 'Le Patriote de Saône-et-Loire' (ISSN '1959-9935') (F18) *Y31 was superseded* by the periodical entitled 'Le Démocrate de Saône-et-Loire' (ISSN '1959-9943')

Y32 was split into (resulted from splitting)

Domain: F18 Serial Work
Range: F18 Serial Work
Shortcut of: F18 Serial Work. [Y5i](#) was split through: [Z1](#) Serial Transformation. [Y6](#) initiated: F18 Serial Work
Superproperty of:
Quantification: (0:n,0:1)
Scope note: This property associates an instance of F18 Serial Work with any one of the instances of F18 Serial Work that were created on the occasion of its split.
Examples: The periodical entitled 'Colloids and surfaces' (ISSN '0166-6622') (F18) *Y32 was split into* the periodical entitled 'Colloids and surfaces. A, Physicochemical and engineering aspects' (ISSN '0927-7757') (F18)
The periodical entitled 'Colloids and surfaces' (ISSN '0166-6622') (F18) *Y32 was split into* the periodical entitled 'Colloids and surfaces. B, Biointerfaces' (ISSN '0927-7765') (F18)

Y33 was merged with

Domain: F18 Serial Work
Range: F18 Serial Work
Shortcut of: F18 Serial Work. [Y7i](#) was merged through: [Z1](#) Serial Transformation. [Y7](#) merged: F18 Serial Work
Superproperty of:
Quantification: (0:n,0:n)
Scope note: This symmetrical property associates an instance of F18 Serial Work with any one of the instances of F18 Serial Work with which it was merged in order to create a new instance of F18 Serial Work.
Examples: The periodical entitled 'Animal research' (ISSN '1627-3583') (F18) *Y33 was merged with* the

periodical entitled 'Animal science' (ISSN '1357-7298') (F18)

The periodical entitled 'Animal research' (ISSN '1627-3583') (F18) *Y33 was merged with the periodical entitled 'Reproduction nutrition development' (ISSN '0926-5287') (F18)*

Y34 was merged to form (resulted from merging)

Domain: F18 Serial Work
Range: F18 Serial Work
Shortcut of: F18 Serial Work. [Y7i](#) was merged through: [Z1](#) Serial Transformation. [Y8](#) merged into: F18 Serial Work
Superproperty of:
Quantification: (0:1,0:n)
Scope note: This property associates instances of F18 Serial Work with an instance of F18 Serial Work that was created by merging them.
Examples: The periodical entitled 'Animal research' (ISSN '1627-3583') (F18) *Y34 was merged to form the periodical entitled 'Animal' (ISSN '1751-7311') (F18)*
The periodical entitled 'Animal science' (ISSN '1357-7298') (F18) *Y34 was merged to form the periodical entitled 'Animal' (ISSN '1751-7311') (F18)*
The periodical entitled 'Reproduction nutrition development' (ISSN '0926-5287') (F18) *Y34 was merged to form the periodical entitled 'Animal' (ISSN '1751-7311') (F18)*

Y35 was absorbed in (was enhanced by absorbing)

Domain: F18 Serial Work
Range: F18 Serial Work
Shortcut of: F18 Serial Work. [Y9i](#) was absorbed through: [Z2](#) Absorption. [Y10](#) enhanced: F18 Serial Work
Superproperty of:
Quantification: (0:n,0:n)
Scope note: This property associates instances of F18 Serial Work with the instances of F18 Serial Work that absorbed them.
Examples: The periodical entitled 'Archiv für mathematische Logik und Grundlagenforschung' (ISSN '0003-9268') (F18) *Y35 was absorbed in the periodical entitled 'Archiv für Philosophie' (ISSN '0066-6467') (F18)*
The periodical entitled 'Recueil des travaux chimiques des Pays-Bas' (ISSN '0165-0513') *Y35 was absorbed in the periodical entitled 'Liebigs Annalen' (ISSN '0947-3440') (F18), and Y35 was absorbed in the periodical entitled 'Chemische Berichte' (ISSN '0009-2940') (F18)*

Y36 had surrogate (was surrogate for)

Domain: F18 Serial Work
Range: F18 Serial Work
Shortcut of: F18 Serial Work. [Y13i](#) had surrogate through: [Z4](#) Temporary Substitution. [Y14](#) substituted with: F18 Serial Work
Superproperty of:
Quantification: (0:n,0:n)
Scope note: This property associates an instance of F18 Serial Work with an instance of F18 Serial Work that temporarily replaced it.
Examples: The periodical entitled 'Le Petit Ardennais' (ISSN '2019-2606') (F18) *Y36 had surrogate the periodical entitled 'Le Journal ardennais' (ISSN '2103-1622') (F18)*
The periodical entitled 'L'Annonce: journal universel d'annonces civiles, judiciaires, commerciales et d'avis divers du département de la Seine' (F18) *Y36 had surrogate the periodical entitled 'Le Pont-Neuf' (F18)*

Y37 has former or current issuing rule (is former or current issuing rule of)

Domain: F18 Serial Work

Range: [Z12](#) Issuing Rule

Subproperty of: F18 Serial Work. R11 has issuing rule (is issuing rule of): E29 Design or Procedure

Superproperty of: F18 Serial Work. [Y38](#) has current issuing rule (is current issuing rule of): [Z12](#) Issuing Rule

Quantification: (0:n,0:n)

Scope note: This property associates an instance of F18 Serial Work with instances of Z12 Issuing Rule that specify aspects of the issuing policy planned at some time by this Work, such as sequencing pattern, expected frequency or expected regularity. This property does not specify whether these instances of Z12 Issuing Rule are still in force at the time of validity of the record or database containing the statement that uses this property, and it can point to obsolete instances of Z12 Issuing Rule.

Examples: The periodical identified by ISSN '1022-5870' ('L'Avispa') (F18) *Y37 has former or current issuing rule* the rule that obtained prior to 1992, according to which the periodical identified by ISSN '1022-5870' ('L'Avispa') was to be issued every two months (Z12)

The periodical identified by ISSN '1022-5870' ('L'Avispa') (F18) *Y37 has former or current issuing rule* the rule that obtained prior to 1992, according to which the periodical identified by ISSN '1022-5870' was to be issued with the complete title: 'L'Avispa, bimensual de teoría y debate' (Z12)

Y38 has current issuing rule (is current issuing rule of)

Domain: F18 Serial Work

Range: [Z12](#) Issuing Rule

Subproperty of: F18 Serial Work. [Y37](#) has former or current issuing rule (is former or current issuing rule of):

[Z12](#) Issuing Rule

Superproperty of:

Quantification: (1:1,0:n)

Scope note: This property associates an instance of F18 Serial Work with instances of Z12 Issuing Rule that specify aspects of the issuing policy planned by this Work, such as sequencing pattern, expected frequency or expected regularity, at the time of validity of the record or database containing the statement that uses this property.

If the publication has ceased, this property reflects the latest known issuing rules followed by the continuing resource when its last known issue was released (i.e., the issuing rules followed in the instance of Z7 Ending of Publication associated with the continuing resource), rather than the 'current' issuing rules (since in that case, strictly speaking, there are no 'current' issuing rules).

Examples: The periodical identified by ISSN '1022-5870' ('L'Avispa') (F18) *Y38 has current issuing rule* the rule that obtained after 1992, according to which the periodical identified by ISSN '1022-5870' ('L'Avispa') is to be issued every three months (Z12)

The periodical identified by ISSN '1022-5870' ('L'Avispa') (F18) *Y38 has current issuing rule* the rule that obtained after 1992, according to which the periodical identified by ISSN '1022-5870' is to be issued with the complete title: 'L'Avispa, revista trimestrial de teoría y debate' (Z12)

Y39 is enhanced by monograph (enhances serial)

Domain: F18 Serial Work

Range: F19 Publication Work

Shortcut of: F18 Serial Work. R23i was realised through (created a realisation of): F30 Publication Event. P17i motivated (was motivated by): F30 Publication Event. R23 created a realisation of (was realised through): F19 Publication Work

Superproperty of:

Quantification: (0:n,0:n)

Scope note: This property associates an instance of F18 Serial Work with an instance of F19 Publication Work that constitutes an enhancement of its content.

The instance of F19 Publication Work should not be an instance of F18 Serial Work. The association between two serials is expressed through a property that associates an instance of Z12 Issuing Rule with another instance of Z12 Issuing Rule, i.e., either *Y25 foresees association with (foresees to be associated with)* or any of its subproperties.

[*Note.* The relationship between a series and a monograph published as a volume within that series, or between a periodical and one of its regular issues, is not expressed through this property, but by stating that the monograph or regular issue is a member of the series or periodical, i.e., F18 Serial Work *R10 has member (is member of)* F19 Publication Work.]

The *Y39.1 has type* property of the property allows the nature of the association to be specified; examples of types of enhancement of an instance of F18 Serial Work by a monograph include: supplementing monograph, special issue, etc.

Examples: The periodical entitled 'Viator: Medieval and Renaissance studies' (ISSN '0083-5897') (F18) *Y39 is enhanced by monograph* the publication entitled 'Medieval manuscripts, their makers and users: a special issue of Viator in honor of Richard and Mary Rouse', associated with the instance of F3 Manifestation Product Type identified by ISBN '978-2-503-53894-5' (F19) *Y39.1 has type* special issue (E55)

The periodical entitled 'Cerebrovascular diseases' (ISSN '1015-9770') (F18) *Y39 is enhanced by monograph* the publication entitled 'Ischemic stroke: knowledge and research, challenges and goals', associated with the instance of F3 Manifestation Product Type identified by ISBN '978-3-8055-9051-8' (F19) *Y39.1 has type* supplementing monograph (E55)

Properties: Y39.1 has type: E55 Type

Y40 enhances monograph (is enhanced by serial)

Domain: F18 Serial Work

Range: F19 Publication Work

Shortcut of: F18 Serial Work. R23i was realised through (created a realisation of): F30 Publication Event. P17 was motivated by (motivated): F30 Publication Event. R23 created a realisation of (was realised through): F19 Publication Work

Superproperty of:

Quantification: (0:n,0:n)

Scope note: This property associates an instance of F18 Serial Work with an instance of F19 Publication Work the content of which is enhanced by the instance of F18 Serial Work.

The instance of F19 Publication Work should not be an instance of F18 Serial Work. The association between two serials is expressed through a property that associates an instance of Z12 Issuing Rule with another instance of Z12 Issuing Rule, i.e., either *Y25 foresees association with (foresees to be associated with)* or any of its subproperties.

The *Y40.1 has type* property of the property allows the nature of the association to be specified; examples of types of enhancement of a monograph by an instance of F18 Serial Work include: supplemented monograph, base volume for an updating loose-leaf, etc.

Examples: The updating loose-leaf entitled 'Surgical techniques in orthopaedics and traumatology' (ISSN '1632-3386') (F18) *Y40 enhances monograph* the publication entitled 'Surgical techniques in orthopaedics and traumatology', associated with the instance of F3 Manifestation Product Type identified by ISBN '2-84299-168-0' (F19) *Y40.1 has type* base volume (E55)

The periodical entitled 'The international lily register and checklist 2007. Supplement' (F18) *Y40 enhances monograph* the publication entitled 'The international lily register and checklist 2007', associated with the instance of F3 Manifestation Product Type identified by ISBN '978-1-902896-80-9' (F19) *Y40.1 has type* supplemented monograph (E55)

Properties: Y40.1 has type: E55 Type

Y41 has former or current area of publication (is former or current area of publication of)

Domain: F18 Serial Work

Range: E53 Place

Shortcut of: F18 Serial Work R23i was realised through (created a realisation of): F30 Publication Event. P14 carried out by (performed): E39 Actor. P74 has current or former residence (is current or former residence of): E53 Place [a city]. P89 falls within (contains): E53 Place [a country]

Superproperty of: F18 Serial Work. [Y42](#) has current area of publication (is current area of publication of): E53 Place

Quantification: (0:n,0:n)

Scope note: This property associates an instance of F18 Serial Work with an instance of E53 Place that corresponds to the country (in the sense of ISO standard ISO 3166) in which the publisher (or one of the publishers) of the serial work has its residence.

It makes no statement as to whether the publisher whose residence falls within the country referred to still is the publisher of the serial work at the time of validity of the record or database containing the statement that uses this property, nor does it make any statement as to whether the publisher still has its residence within that country.

Examples: The periodical entitled 'Aschkenas: Zeitschrift für Geschichte und Kultur der Juden' (ISSN '1016-4987'), published first in Vienna, Austria, from 1991 to 2003, then in Tübingen, Germany, from 2003 on (F18) *Y41 has former or current area of publication* Austria (E53)

Y42 has current area of publication (is current area of publication of)

Domain: F18 Serial Work

Range: E53 Place

Subproperty of: F18 Serial Work. [Y41](#) has former or current area of publication (is former or current area of publication of): E53 Place

Superproperty of:

Quantification: (0:n,0:n)

Scope note: This property associates an instance of F18 Serial Work with an instance of E53 Place that corresponds to the country (in the sense of ISO standard ISO 3166) in which the publisher (or one of the publishers) of the serial work has its residence, at the time of validity of the record or database containing the statement that uses this property.

The choice of the ISSN agency that performs an instance of Z8 Metadata Management on a given instance of F18 Serial Work is determined by the current area(s) of publication of that instance of F18 Serial Work.

Examples: The periodical entitled 'Aschkenas: Zeitschrift für Geschichte und Kultur der Juden' (ISSN '1016-4987'), published first in Vienna, Austria, from 1991 to 2003, then in Tübingen, Germany, from 2003 on (F18) *Y42 has current area of publication* Germany (E53)

The periodical entitled 'St-Barth weekly' (ISSN '1766-9278') (F18) *Y43 has current area of publication* Guadeloupe (E53)

The periodical entitled 'International music & opera guide' (ISSN '0955-7121'), published jointly in London by Tantivy Press and in New York by New York Zoetrope (F18) *Y43 has current area of publication* United-Kingdom (E53), and *Y43 has current area of publication* United States of America (E53)

The periodical entitled 'SPARC newsletter, a project of the World climate research programme' (ISSN '1245-4680'), published in Paris by Météo-France from 1993 to 2004, in Toronto by the University of Toronto from 2004 to 2012, and in Zurich by ETH Zurich from 2012 on (F18) *Y43 has current area of publication* Switzerland (E53)

Y43 is indicative of (is exemplified by)

Domain: F23 Expression Fragment
Range: [Z10](#) Sequencing Pattern
Subproperty of: E1 CRM Entity. P2 has type (is type of): E55 Type
Superproperty of:
Quantification: (0:1,0:n)
Scope note: This property associates an instance of F23 Expression Fragment with the instance of Z10 Sequencing Pattern of which it provides an example.
Examples: 'Vol. 272, No. 5 (1993, Nov.)' (F23) *Y43 is indicative of* the pattern consisting of a volume number in Arabic numerals, corresponding to the year of publication, and an issue number in Arabic numerals, corresponding to the month of publication (Z10)

Mapping from the data elements listed in the *ISSN Manual* to PRESS₀₀

ISSN Manual data element	Condition/Comments	Mapping
Date of the record creation	(out of scope of PRESS ₀₀)	
Publication status		F18 Serial Work <i>P2 has type (is type of) E55 Type</i>
Start date		F18 Serial Work <i>R23i was realised through (created a realisation of) F30 Publication Event P116i is started by (starts) Z6 Beginning of Publication P82 at some time within E61 Time Primitive</i>
End date		F18 Serial Work <i>R23i was realised through (created a realisation of) F30 Publication Event P115i is finished by (finishes) Z7 Ending of Publication P82 at some time within E61 Time Primitive</i>
Country of publication	Current country of publication	F18 Serial Work <i>Y42 has current area of publication (is current area of publication) E53 Place</i>
Country of publication	Former country of publication	F18 Serial Work <i>Y41 has former or current area of publication (is former or current area of publication) E53 Place</i>
Frequency		F18 Serial Work <i>Y37 has former or current issuing rule (is former or current issuing rule of) Z12 Issuing Rule Y20 foresees type (is type foreseen in) (Y20.1 has type E55 Type {frequency}) E55 Type P149 is identified by (identifies) E75 Conceptual Object Appellation</i>
ISSN Centre code		F18 Serial Work <i>Y19i was the concern of (concerned) Z8 Metadata Management P14 carried out by (performed) E40 Legal Body P131 is identified by (identifies) E82 Actor Appellation</i>
Type of publication		F18 Serial Work <i>P2 has type (is type of) E55 Type P149 is identified by (identifies) E75 Conceptual Object Appellation</i>
Form of original item	(obsolete)	
Form of item	(obsolete)	
Alphabet of original title		F18 Serial Work <i>Y38 has current issuing rule Z12 Issuing Rule Y24 foresees use of title (is title foreseen in) (Y24.1 has type E55 Type {title proper}) E35 Title P2 has type E55 Type {[alphabet of title proper]} P149 is identified by (identifies) E75 Conceptual Object Appellation</i>
Language of publication		F18 Serial Work <i>Y37 has former or current issuing rule (is former or current issuing rule of) Z12 Issuing Rule Y21 foresees use of language (is language foreseen in) E56 Language P149 is identified by (identifies) E75 Conceptual Object Appellation</i>
Physical medium		F18 Serial Work <i>Y37 has former or current issuing rule (is former or current issuing rule of) Z12 Issuing Rule Y20 foresees type (is type foreseen in) (Y20.1 has type E55 Type {type of carrier}) E55 Type P149 is identified by (identifies) E75 Conceptual Object Appellation</i>
ISSN		F18 Serial Work <i>P1 is identified by (identifies) F13 Identifier P2 has type (is type of) E55 Type {instance: ISSN}</i>
ISSN-L		F18 Serial Work <i>R10i is member of (has member) F15 Complex Work P1 is identified by (identifies) F13 Identifier P2 has type (is type of) E55 Type {instance: ISSN-L}</i>
CODEN or other codes		F18 Serial Work <i>P149 is identified by (identifies) E75 Conceptual Object Appellation {P2 has type (is type of) E55</i>

ISSN Manual data element	Condition/Comments	Mapping
		Type {instance: CODEN}
Universal Decimal Classification		F18 Serial Work <i>P129 is about (is subject of)</i> E1 CRM Entity <i>P1 is identified by (identifies)</i> F12 Nomen <i>R37i is stated as nomen in (states as nomen)</i> F35 Nomen Use Statement <i>R35 is specified by (specifies)</i> F34 KOS {instance: UDC version N...}
Dewey Decimal Classification		F18 Serial Work <i>P129 is about (is subject of)</i> E1 CRM Entity <i>P1 is identified by (identifies)</i> F12 Nomen <i>R37i is stated as nomen in (states as nomen)</i> F35 Nomen Use Statement <i>R35 is specified by (specifies)</i> F34 KOS {instance: DDC version N...}
Abbreviated key title		F18 Serial Work <i>P1 is identified by (identifies)</i> F50 Controlled Access Point <i>P2 has type (is type of)</i> E55 Type {instance: abbreviated key title}
Key title		F18 Serial Work <i>P1 is identified by (identifies)</i> F50 Controlled Access Point <i>P2 has type (is type of)</i> E55 Type {instance: key title}
Title proper		F18 Serial Work <i>Y37 has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule <i>Y24 foresees use of title (is title foreseen in) (Y24.1 has type: E55 Type {instance: title proper})</i> E35 Title
Variant title		F18 Serial Work <i>Y37 has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule <i>Y24 foresees use of title (is title foreseen in) (Y24.1 has type: E55 Type {instance: running title, historical variant, spine title, etc.})</i> E35 Title
Publishing information	Various publishers over time; statement dealt with as a mere literal	F18 Serial Work <i>R23i was realised through (created a realisation of)</i> F30 Publication Event ₁ <i>P9 consists of (forms part of)</i> F30 Publication Event ₂ <i>P3 has note</i> E62 String <i>P3.1 has type</i> E55 Type {instance: publishing information}
Publishing information	Various publishers over time; statements dealt with as names in their own right	F18 Serial Work <i>R23i was realised through (created a realisation of)</i> F30 Publication Event ₁ <i>P9 consists of (forms part of)</i> F30 Publication Event ₂ <i>P14 carried out by (performed) (P14.1 in the role of)</i> E55 Type {instance: publisher}) E39 Actor: - <i>P1 is identified by (identifies)</i> F12 Nomen <i>R33 has content (R33.1 has encoding E55 Type)</i> E62 String - <i>P74 has current or former residence (is current or former residence of)</i> E53 Place <i>P1 is identified by (identifies)</i> F12 Nomen <i>R33 has content (R33.1 has encoding E55 Type)</i> E62 String and F30 Publication Event ₂ <i>P4 has time-span (is time-span of)</i> E52 Time-Span <i>P78 is identified by (identifies)</i> E50 Date <i>P3 has note (P3.1 has type E55 Type)</i> E62 String
Publishing information	Various distributors over time; statements dealt with as names in their own right	F18 Serial Work <i>R23i was realised through (created a realisation of)</i> F30 Publication Event ₁ <i>P9 consists of (forms part of)</i> F30 Publication Event ₂ <i>R24 created (was created through)</i> F24 Publication Expression <i>P104 is subject to (applies to)</i> E30 Right (<i>P2 has type (is type of)</i> E55 Right {instance: right to distribute}) <i>P75i is possessed by (possesses)</i> E39 Actor: - <i>P1 is identified by (identifies)</i> F12 Nomen <i>R33 has content (R33.1 has encoding E55 Type)</i> E62 String - <i>P74 has current or former residence (is current or former residence of)</i> E53 Place <i>P1 is identified by (identifies)</i> F12 Nomen <i>R33 has content (R33.1 has encoding E55 Type)</i> E62 String

ISSN Manual data element	Condition/Comments	Mapping
Publishing information	Various printers over time; statements dealt with as names in their own right	F18 Serial Work <i>R23i was realised through (created a realisation of)</i> F30 Publication Event ₁ <i>P9 consists of (forms part of)</i> F30 Publication Event ₂ <i>R24 created (was created through)</i> F24 Publication Expression <i>R27i was used by (used as source material)</i> F32 Carrier Production Event <i>P14 carried out by (performed) (P14.1 in the role of</i> E55 Type {instance: printer, manufacturer, etc.}) E39 Actor: - <i>P1 is identified by (identifies)</i> F12 Nomen <i>R33 has content (R33.1 has encoding</i> E55 Type) E62 String - <i>P74 has current or former residence (is current or former residence of)</i> E53 Place <i>P1 is identified by (identifies)</i> F12 Nomen <i>R33 has content (R33.1 has encoding</i> E55 Type) E62 String and F30 Publication Event ₂ <i>P4 has time-span (is time-span of)</i> E52 Time-Span <i>P78 is identified by (identifies)</i> E50 Date <i>P3 has note (P3.1 has type</i> E55 Type) E62 String
Dates of publication and/or sequential designation	Understood as an indication of the numbering pattern	F18 Serial Work <i>Y37 has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule <i>Y22 foresees sequencing pattern (is sequencing pattern foreseen in)</i> Z10 Sequencing Pattern <i>Y43i is exemplified by (is indicative of)</i> F23 Expression Fragment <i>P3 has note (P3.1 has type</i> E55 Type {instance: transcription}) E62 String
Dates of publication and/or sequential designation	Understood as number of first issue	F18 Serial Work <i>Y37 has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule <i>Y22 foresees sequencing pattern (is sequencing pattern foreseen in)</i> Z10 Sequencing Pattern <i>Y43i is exemplified by (is indicative of)</i> F23 Expression Fragment <i>R24i was created through (created)</i> Z6 Starting of Publication
Dates of publication and/or sequential designation	Understood as number of latest known issue	F18 Serial Work <i>Y37 has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule <i>Y22 foresees sequencing pattern (is sequencing pattern foreseen in)</i> Z10 Sequencing Pattern <i>Y43i is exemplified by (is indicative of)</i> F23 Expression Fragment <i>R24i was created through (created)</i> Z7 Ending of Publication
Coverage by abstracting and indexing services	If it is known that the serial described is indexed by another serial	F18 Serial Work <i>P67i is referred to by (refers to) (P67.1 has type</i> E55 Type {instance: abstracting, indexing, etc.}) F18 Serial Work <i>P48 has preferred identifier (is preferred identifier of)</i> F13 Identifier <i>P2 has type (is type of)</i> E55 Type {instance: ISSN}
Coverage by abstracting and indexing services	Otherwise	F18 Serial Work <i>P67i is referred to by (refers to) (P67.1 has type</i> E55 Type {instance: abstracting, indexing, etc.}) F1 Work
Reproduction note	(See Figures 8 and 9)	
Name of issuing body as on piece		F18 Serial Work <i>R23i was realised through (created a realisation of)</i> F30 Publication Event ₁ <i>P9 consists of (forms part of)</i> F30 Publication Event ₂ <i>P3 has note</i> E62 String <i>P3.1 has type</i> E55 Type {instance: name of issuing body as on piece}
Name of issuing body or conference as established by national cataloguing practice		F18 Serial Work <i>R16i was initiated by (initiated)</i> F27 Work Conception <i>P14 carried out by (performed) (P14.1 in the role of</i> E55 Type {instance: issuing body}) F11 Corporate Body <i>P131 is identified by (identifies)</i> E82 Actor Appellation
Original language		F18 Serial Work <i>Y37 has former or current issuing rule (is</i>

ISSN Manual data element	Condition/Comments	Mapping
entry		<i>former or current issuing rule of</i> Z12 Issuing Rule Y21 <i>foresees use of language (is language foreseen in)</i> E56 Language
Translation entry		F18 Serial Work Y37 <i>has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule Y27 <i>foresees translation in (foresees translation of)</i> Z12 Issuing Rule Y37i <i>is former or current issuing rule of (has former or current issuing rule)</i> F18 Serial Work
Main series entry		F18 Serial Work (P2 <i>has type (is type of)</i> E55 Type {instance: series}) P148i <i>is component of (has component)</i> F18 Serial Work (P2 <i>has type (is type of)</i> E55 Type {instance: series})
Sub-series entry		F18 Serial Work (P2 <i>has type (is type of)</i> E55 Type {instance: series}) P148 <i>has component (is component of)</i> F18 Serial Work (P2 <i>has type (is type of)</i> E55 Type {instance: series})
Other edition (language) entry		F18 Serial Work Y37 <i>has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule Y26 <i>foresees other edition (foresees to be another edition of)</i> (Y26.1 <i>has type:</i> E55 Type {instance: other edition in a different language}) Z12 Issuing Rule Y37i <i>is former or current issuing rule of (has former or current issuing rule)</i> F18 Serial Work
Additional physical form entry		F18 Serial Work Y37 <i>has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule Y26 <i>foresees other edition (foresees to be another edition of)</i> (Y26.1 <i>has type:</i> E55 Type {instance: other edition on a different type of carrier}) Z12 Issuing Rule Y37i <i>is former or current issuing rule of (has former or current issuing rule)</i> F18 Serial Work
Supplement parent entry		F18 Serial Work Y37 <i>has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule Y25i <i>foresees to be associated with (foresees association with)</i> (Y25.1 <i>has type:</i> E55 Type {instance: supplement, or instance: insert}) Z12 Issuing Rule Y37i <i>is former or current issuing rule of (has former or current issuing rule)</i> F18 Serial Work
Issued with entry		F18 Serial Work Y37 <i>has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule Y25 <i>foresees association with (foresees to be associated with)</i> (Y25.1 <i>has type:</i> E55 Type {instance: issued with, etc.}) Z12 Issuing Rule Y37i <i>is former or current issuing rule of (has former or current issuing rule)</i> F18 Serial Work
Former title	6 possibilities (continuation, replacement, split, merger, separation, temporary substitution)	<p>Continuation: F18 Serial Work₁ Y2i <i>resulted from continuation (initiated)</i> Z1 Serial Transformation Y1 <i>provided a continuation to (was continued through)</i> F18 Serial Work₂ (<u>shortcut:</u> F18 Serial Work₁ Y29i <i>continues (evolved into)</i> F18 Serial Work₂)</p> <p>Replacement: F18 Serial Work₁ Y4i <i>was initiated as replacement through (initiated as replacement)</i> Z1 Serial Transformation Y3 <i>provided a replacement to (was replaced through)</i> F18 Serial Work₂ (<u>shortcut:</u> F18 Serial Work₁ Y31i <i>superseded (was superseded by)</i> F18 Serial Work₂)</p> <p>Split: F18 Serial Work₁ Y6i <i>resulted from split (initiated)</i> Z1 Serial Transformation Y5 <i>split (was split through)</i> F18 Serial Work₂ (<u>shortcut:</u> F18 Serial Work₁ Y32i <i>resulted from splitting (was split into)</i> F18 Serial Work₂)</p> <p>Merger: F18 Serial Work₁ Y8i <i>resulted from merger (merged into)</i> Z1</p>

ISSN Manual data element	Condition/Comments	Mapping
		<p>Serial Transformation <i>Y7 merged (was merged through)</i> F18 Serial Work₂ (<u>shortcut</u>: F18 Serial Work₁ <i>Y34i resulted from merging (was merged to form)</i> F18 Serial Work₂)</p> <p>Separation: F18 Serial Work₁ <i>Y11i was separated through (separated)</i> Z3 Separation <i>Y12 separated from (was diminished through)</i> F18 Serial Work₂ (<u>shortcut</u>: F18 Serial Work₁ <i>Y30i was separated from (was partially continued by)</i> F18 Serial Work₂)</p> <p>Temporary substitution: F18 Serial Work₁ <i>Y14i became surrogate through (substituted with)</i> Z4 Temporary Substitution <i>Y13 provided surrogate to (had surrogate through)</i> F18 Serial Work₂ (<u>shortcut</u>: F18 Serial Work₁ <i>Y36i was surrogate for (had surrogate)</i> F18 Serial Work₂)</p>
Successor title	6 possibilities (continuation, replacement, split, merger, separation, temporary substitution)	<p>Continuation: F18 Serial Work₁ <i>Y1i was continued through (provided a continuation to)</i> Z1 Serial Transformation <i>Y2 initiated as continuation (was initiated as continuation through)</i> F18 Serial Work₂ (<u>shortcut</u>: F18 Serial Work₁ <i>Y29 evolved into (continues)</i> F18 Serial Work₂)</p> <p>Replacement: F18 Serial Work₁ <i>Y3i was replaced through (provided a replacement to)</i> Z1 Serial Transformation <i>Y4 initiated as replacement (was initiated as replacement through)</i> F18 Serial Work₂ (<u>shortcut</u>: F18 Serial Work₁ <i>Y31 was superseded by (superseded)</i> F18 Serial Work₂)</p> <p>Split: F18 Serial Work₁ <i>Y5i was split through (split)</i> Z1 Serial Transformation <i>Y6 initiated (resulted from split)</i> F18 Serial Work₂ (<u>shortcut</u>: F18 Serial Work₁ <i>Y32 was split into (resulted from splitting)</i> F18 Serial Work₂)</p> <p>Merger: F18 Serial Work₁ <i>Y7i was merged through (merged)</i> Z1 Serial Transformation <i>Y8 merged into (resulted from merger)</i> F18 Serial Work₂ (<u>shortcut</u>: F18 Serial Work₁ <i>Y34 was merged to form (resulted from merging)</i> F18 Serial Work₂)</p> <p>Separation: F18 Serial Work₁ <i>Y12i was diminished through (separated from)</i> Z3 Separation <i>Y11 separated (was separated through)</i> F18 Serial Work₂ (<u>shortcut</u>: F18 Serial Work₁ <i>Y30 was partially continued by (was separated from)</i> F18 Serial Work₂)</p> <p>Temporary substitution: F18 Serial Work₁ <i>Y13i had surrogate through (provided surrogate to)</i> Z4 Temporary Substitution <i>Y14 substituted with (became surrogate through)</i> F18 Serial Work₂ (<u>shortcut</u>: F18 Serial Work₁ <i>Y36 had surrogate (was surrogate for)</i> F18 Serial Work₂)</p>
Is related title		F18 Serial Work <i>Y37 has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule <i>Y25 foresees association with (foresees to be associated with)</i> (Y25.1 has type: E55 Type) Z12 Issuing Rule <i>Y37i is former or current issuing rule of (has former or current issuing rule)</i> F18 Serial Work
Supplement / special issue entry	Supplement	F18 Serial Work <i>Y37 has former or current issuing rule (is former or current issuing rule of)</i> Z12 Issuing Rule <i>Y25 foresees association with (foresees to be associated with)</i> (Y25.1 has type: E55 Type {supplement, or insert}) Z12

ISSN Manual data element	Condition/Comments	Mapping
		Issuing Rule <i>Y37i</i> is former or current issuing rule of (has former or current issuing rule) F18 Serial Work
Supplement / special issue entry	Special issue entry	F18 Serial Work <i>Y39</i> is enhanced by monograph (enhances serial) (<i>Y39.1</i> has type: E55 Type {instance: special issue}) F19 Publication Work
Electronic location		F18 Serial Work <i>Y37</i> has former or current issuing rule (is former or current issuing rule of) Z12 Issuing Rule <i>Y28</i> foresees URL (is URL foreseen in) Z11 URL