Normalization rule examples with condition and consequence

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Note: If you copy and paste these examples to real normalization rules sometimes the quotation marks get distorted and must be typed manually.

List of example with hyperlinks to the examples

Link	Condition	Consequence	Action
Example 01	TRUE	replaceControlContents	Change any karat to a space in LDR
Example 02	exists	removeField	Remove fields 866, 867 and 868 if they have a subfield 8
Example 03	not exists	removeField	Remove fields 866, 867 and 868 if they do not have a subfield z
Example 04	not exists	addField addSubField	Add a field 949 $$xULINC$$tREAD if there is no field 949 with subfield x already
Example 05	TRUE	replaceContents	Change all cases of 'United States' to 'USA' in 650 z
Example 06	TRUE	removeField addField addSubField	Remove current 100 field and add a new one (replace the 100 field)
Example 07	TRUE	removeField	Remove unconditionally all 956 fields
Example 08	TRUE	removeField	Remove unconditionally all 93X fields
Example 09	exists	removeField	Remove 900 field if a certain 100 field exists
Example 10	exists	removeField	delete the 035 Starts with '(CPU)' and ends with '01copu'
Example 11	exists existsControl	changeSecondIndicator	Change the second indicator for 245 fields in French records depending on beginning text of the field
Example 12	TRUE	copyField	Copy the 500 field to the 856 field
Example 13	TRUE	copyField	Copy the 300 field to the 90112
Example 14	exists	copyField	Copy the 245 to the 90214 only if the 245 has indicators '14'
Example 15	exists	copyField	Copy the 245 to the 902 only if the 245 has indicators '14'
Example 16	existsControl	replaceControlContents	Change the 'u' to '8' in position 17 of the LDR
Example 17	existsControl	replaceControlContents	Change the 'blank' to 'i' in position 17 of the LDR
Example 18	not exists	addField	Add a field 900 with subfield a and certain text if the 900 field does not already exist with that exact subfield and text
Example 19	existsControl	addSubField replaceContents	Add subfield h to 245 with text '[Journal]'. If there is already a different 245 h then replace it with the text '[Journal]'. Do this only if there is also a 022 field or if pos. 7 of the LDR is 's'.

Example 20	existsControl not exists	addSubField	If the record is French based on 008 field and pos. 6 of the LDR field is 'g' and there is not already a 245 h then add a 245 h with text '[Vidéo]'
Example 21	exists	removeSubfield	Remove subfield 245 h if it has text '[Ephemera]'
Example 22	exists not exists	addField	Add field 901 with sub field a with text Architecture Dept. only if it is not already there and if 902 $$b has 034-ARC
Example 23	TRUE	changeSubField	Copy the 035 $$b to the 035 $$a.
Example 24	existsControl not exists	addField	Create a 041 field with subfield a 'ger' if it does not already exists and the 008 language is German
Example 25	TRUE	addField	Add the 940 field with the first indicator of 1, the second indicator empty, and $$a with the text YBPDDA.
Example 26	TRUE	changeSecondIndicator	Change the second indicator of the 856 field to 0 (zero) if the value is 1 (one).
Example 27	not existsControl	changeControlField	Move the 001 field to 009 if the 009 does not exist
Example 28	TRUE	changeField	Move the 300 field to 901
Example 29	not exists	addField	Add the 0820 field with $$a with the text 296.5 YLK if it does not already exist in either the 082 or the 0820.
Example 30	exists	replaceControlContents	Replace position 6 of the LDR field with e if the 245 $$h is [Map] or [Carte] and the position 6 of the LDR field is a.
Example 31	TRUE	suffix	Append (ONLINE) to 050.b.
Example 32	TRUE	prefix	Preface 050.a with (ONLINE).
Example 33	TRUE	copyField	Copy the 001 to the 035 subfield a (001 does not have a subfield)
Example 34	TRUE	addSystemNumber prefixed by	Make the 035 be whatever is in the 001 prefixed by the contents of the 003 in parentheses
Example 35	TRUE exists changeField	priority removeField	first deletes the 035 field that starts with (OCoLC) and then changes the existing 035 field to 996 using the priority factor, which must be used when a rule contains multiple rules. Note that actions stipulated in the rule with the higher priority are performed first. For example, the action in the rule with priority 2 below is performed before the action in the rule with priority 1.
Example 36	TRUE exists	removeField	Delete the 900 field if it has subfield a with text 'Local'. Do not delete other 900 fields
Example 37	TRUE	changeSubFieldOnlyFirst	change the first occurrence of 040 subfield d to a and do not change other ones
Example 38	TRUE	changeSubFieldExceptFirst	change all occurrences of 040 subfield d to a except the first one
Example 39	TRUE	replaceContentsOnlyFirst	Replace the first occurrence of Baker and Taylor in subfield a with B and T Do not change other occurrences of other subfield a with Baker and Taylor
Example 40	TRUE	replaceContentsExceptFirst	Replace all occurrences of Baker and Taylor in subfield a with B and T except for the first occurrence

Example 41	existsControl exists not exists	addField addSubField	Check for four different conditions and then add a field and subfield if it does not already exist
Example 42	TRUE	removeField	The following works to remove 866 only if the 866 subfield 8 does not have a 0 or a 99 in it. The pipe is now a Boolean OR
Example 43	not exists	addField	If you want to really use the pipe as a pipe to add a field then you need to add \\\ (three backslashes) before it. If you want to really use the pipe as a pipe and check if it is in a field then you need to add \\\\ (four backslashes) before it.
Example 44	TRUE not exists	removeField	Delete 866 fields if they do not have a subfield x or have a subfield z
Example 45	exists not exists	addField	Add field 901 if 900 exists with Architecture or Design in subfield a. Use a pipe for the OR
Example 46	TRUE	removeControlField	Remove control field 009 from a record unequivocally
Example 47	existsControl	addField	Add field 900 with subfield a Govt. Doc if 008 has a u in pos 17 and an f in pos 28
Example 48	TRUE if exists	changeField	Change field 536 to 973 if 536 has Donated or donated anywhere in subfield a
Example 49	exists	replaceControlContents	Fix and populate 008 year positions 7-10 from 260 c or 264 c
Example 50	TRUE	copyField changeFirstIndicator changeSecondIndicator	Copy field 050 to 090 and change indicators
Example 51	TRUE	copyField changeFirstIndicator changeSecondIndicator	Copy field 490 to 830 and change indicators
Example 52	TRUE If exists	replaceContents changeSubField	change 035__ |a (Aleph)000777777UMN01 To 035__ |z (Mnu)Aleph000777777
Example 53	TRUE	addField addSubField	Add fields 853 and 863 with inter-dependent subfields using salience (instead of 'priority')
Example 54	TRUE	replaceContents	Remove the period in 245 subfield a (replace it with nothing)
Example 55	TRUE	addField	Option 1: Add field 906 with text Architecture and period at end and also add field 907 with F.L.T."
Example 56	TRUE	addField	Option 2: Add field 906 with text Architecture and period at end and also add field 907 with F.L.T."
Example 57	TRUE	suffix replaceContents	Append a period to the end of 245 subfield a and c
Example 58	TRUE	combineFields	Combine all 650 fields into the first concurrence of the field. Copy all subfields except a and z. Only copy a and z if they do not exist in the first occurrence of the 650

Example 59	TRUE	addField prefixSubField suffixSubField	Combine 906 subfield a with 907 subfield c into new field 910 subfield a if it does not already exist and put two dashes between the text of each former subfield
Example 60	TRUE	addField prefixSubField suffixSubField replaceContents	Combine 906 subfield a with 907 subfield c into new field 910 subfield a if it does not already exist
Example 61	TRUE	addField prefixSubField suffixSubField	Combine 906 subfield a with 907 subfield c into new field 910 subfield a if it does not already exist and put a forward slash between the text of each former subfield
Example 62	TRUE	addSubField exists replaceContents	When the following values exist in 020 subfield a put them in 020 subfield q and remove from subfield a: (pbk) (paperback) (hbk) (hardback) (electronic) (electronic bk) Before: $$a 9284302984 (hardback) After $$a 9284302984 $$q (hardback)
Example 63	TRUE	suffix removeSubField exists	Remove subtitle slash in subfield b and add space slash to end of subfield a **Before:** $$a Probabilistic methods for financial and marketing informatics $$b subtitle / $$c Richard E. Neapolitan, Xia Jiang. **After:** $$a Probabilistic methods for financial and marketing informatics / $$c Richard E. Neapolitan, Xia Jiang.
Example 64	TRUE	AddSystemNumber prefixed by	Create a 035 field consisting of the value of 001 field prefixed by the value of the 003 field in parentheses. **Before:** 001 TSYb10075461 003 ATD **After:** 035 $$a (ATD)TSYb10075461
Example 65	TRUE	AddSystemNumber prefixed by	Create a 900 field consisting of the value of 005 field prefixed by the value of the 009 field in parentheses. **Before:**

			005 20170101061527.0 009 $$a YLK **After:** 900 $$a ($$a YLK)20170101061527.0
[Example 66](#)	not exists	addCreatingAgency	Add the ISIL code (defined elsewhere) to the 040 subfield a as the creating agency if there is currently no existing 040 subfield a
[Example 67](#)	not exists	addModifyingAgency	Add the ISIL code (defined elsewhere) to the 041 subfield a as the modifying agency if there is currently no existing 041 subfield a
[Example 68](#)	exists	copyField removeField combineFields	Copy the 900 subfield b to 090 subfield a Combine all of the 901 fields into a new 901 except for subfield z MMSID 99107911300121 had this **before** **900** $$b Safransky-613 $$c 2017 **900** $$b Meidanovitch-248 **901** $$a Science in ancient Germany $$b Smith hall $$c Room 954 $$d Wednesdays $$z active **901** $$a Architecture in ancient Germany $$b Brown building $$c 3rd floor seminar room $$d Mondays $$z active **901** $$a Library science for programmers $$b Library computer center $$c Computer Laboratory $$d Mondays $$z active MMSID 99107911300121 had this **after** **090** $$b Safransky-613 **090** $$b Meidanovitch-248 **900** $$b Safransky-613 $$c 2017 **900** $$b Meidanovitch-248 **901** $$a Science in ancient Germany $$b Smith hall $$c Room 954 $$d Wednesdays $$z active $$a Architecture in ancient Germany $$b Brown building $$c 3rd floor seminar room $$d Mondays $$a Library science for programmers $$b Library computer center $$c Computer Laboratory $$d Mondays
[Example 69](#)	exists	replaceControlContents	If 040 subfield e is "RDA" or "rda" then make LDR pos 18 be i
[Example 70](#)	TRUE	replaceContents	Replace parentheses with nothing (delete them) in 500 a
[Example 71](#)	TRUE	replaceContents	Replace parentheses with square brackets in 500 a
[Example 72](#)	TRUE	replaceContents	Replace everything after the period in 859 subfield i with nothing

			$$i 69.2011/12 To $$i 69
[Example 73](#)	TRUE	replaceContents	Replace a backslash \ with nothing. Note the backslash must be preceded by another backslash Change will change this 24500 $$a $$a Ironía, humorismo y carnavalización en \Cien años de Soledad" To this 24500 $$a $$a Ironía, humorismo y carnavalización en Cien años de Soledad"

End of list of examples with hyperlinks

Example 01

Change any karat to a space in LDR

```
rule "replace LDR ^ with # (space)"
when
(TRUE)
then
replaceControlContents "LDR.{0,1}.^" with " "
replaceControlContents "LDR.{1,1}.^" with " "
replaceControlContents "LDR.{2,1}.^" with " "
replaceControlContents "LDR.{3,1}.^" with " "
replaceControlContents "LDR.{4,1}.^" with " "
replaceControlContents "LDR.{5,1}.^" with " "
replaceControlContents "LDR.{6,1}.^" with " "
replaceControlContents "LDR.{7,1}.^" with " "
replaceControlContents "LDR.{8,1}.^" with " "
replaceControlContents "LDR.{9,1}.^" with " "
replaceControlContents "LDR.{10,1}.^" with " "
replaceControlContents "LDR.{11,1}.^" with " "
replaceControlContents "LDR.{12,1}.^" with " "
replaceControlContents "LDR.{13,1}.^" with " "
replaceControlContents "LDR.{14,1}.^" with " "
replaceControlContents "LDR.{15,1}.^" with " "
replaceControlContents "LDR.{16,1}.^" with " "
replaceControlContents "LDR.{17,1}.^" with " "
```

```
replaceControlContents "LDR.{18,1}.^" with " "
replaceControlContents "LDR.{19,1}.^" with " "
replaceControlContents "LDR.{20,1}.^" with " "
replaceControlContents "LDR.{21,1}.^" with " "
replaceControlContents "LDR.{22,1}.^" with " "
replaceControlContents "LDR.{23,1}.^" with " "
end
```
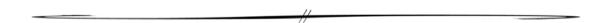

Example 02

Remove fields 866, 867 and 868 if they have a subfield 8

```
rule "delete 866 867 868 if it has a subfield 8"
when
(TRUE)
then
removeField "866" if ( exists "866.8" )
removeField "867" if ( exists "867.8" )
removeField "868" if ( exists "868.8" )
end
```

Example 03

Remove fields 866, 867 and 868 if they do not have a subfield z

```
rule "delete 866 867 868 if it has a subfield no subfield z"
when
(TRUE)
then
removeField "866" if ( not exists "866.z" )
removeField "867" if ( not exists "867.z" )
removeField "868" if ( not exists "868.z" )
end
```

Example 04

Add a field 949 $$xULINC$$tREAD if there is no field 949 with subfield x already

```
rule "Add field 949 with x and t"
when
not exists "949.x.*"
then
        addField "949.{-,-}.x.ULINC"
        addSubField "949.t.READ"
end
```

Example 05

Change all cases of 'United States' to 'USA' in 650 z

```
rule "Replace text United States with USA in 650 $$z
(unconditional)"
    when
        (TRUE)
     then
            replaceContents "650.z.United States" with "USA"
end
```

Example 06

Remove existing 100 field and add a new one (replace the 100)

```
rule "remove data field 100"
  when
    (TRUE)
  then
    removeField "100"
    addField "100.{1,-}.a.Kortick, Yoel"
    addSubField "100.d.1971-"
end
```

Example 07

```
rule "Remove all 956"
when
(TRUE)
then
removeField "956"
end
```

Example 08

```
rule "Remove all 93X"
when
(TRUE)
then
removeField "93*"
end
```

Example 09

```
rule "remove 900 field if it has subfield a with Kortick, Yoel"
when
(TRUE)
then
removeField "900" if (exists "100.a.Kortick, Yoel")
end
```

Example 10

```
rule "delete the 035 if it starts with (CPU) and ends with 01copu"
```

```
when
TRUE
then
removeField "035" if(exists "035.*.(CPU)*01copu")
end
```

Example 11

```
rule "Fix 2nd indicator for French"
when
 (existsControl "008.{35,3}.fre")
then
changeSecondIndicator "245" to "3" if (exists "245.{*, }.a.La *")
changeSecondIndicator "245" to "3" if (exists "245.{*, }.a.Le *")
changeSecondIndicator "245" to "4" if (exists "245.{*, }.a.Les *")
changeSecondIndicator "245" to "3" if (exists "245.{*, }.a.Un *")
changeSecondIndicator "245" to "4" if (exists "245.{*, }.a.Une *")
changeSecondIndicator "245" to "2" if (exists "245.{*, }.a.L'*")
changeSecondIndicator "245" to "3" if (exists "245.{*, }.a.Il *")
end
```

Example 12

```
rule "copy 500 to 856"
when
  TRUE
then
  copyField "500" to "856"
end
```

Example 13

```
rule "copy 300 to 90112"
```

```
when
   TRUE
then
   copyField "300" to "901.{1,2}"
end
```

Example 14

```
rule "copy 24514 to 90214"
when
   TRUE
then
   copyField "245" to "902.{1,4}" if(exists "245.{1,4}")
end
```

Example 15

```
rule "copy 24514 to 902"
when
   TRUE
then
   copyField "245" to "902.{ , }" if(exists "245.{1,4}")
end
```

Example 16

```
rule "edit LDR pos 17 to 8 when u"
when
existsControl "LDR.{17,1}.u"
then
replaceControlContents "LDR.{17,1}" with "8"
end
```

Example 17

```
rule "edit LDR pos 17 to i when blank"
when
existsControl "LDR.{17,1}. "
then
replaceControlContents "LDR.{17,1}" with "i"
end
```

Example 18

```
rule "Add field 900"
when
not exists "900.a.Copied from the National Library of Spain"
then
addField "900.a.Copied from the National Library of Spain"
end
```

Example 19

```
rule "Add subfield h to field 245 with text [Journal] if there is
no subfield h in field 245 and 022 exists or pos.7 in LDR = s"
when
((existsControl "LDR.{7,1}.s" ) OR (exists "022" ))
then
replaceContents "245.h.*" with "[Journal]"
addSubField "245.h.[Journal]" if ( not exists "245.h" )
end
```

Example 20

```
rule "Create 245 $$hvidéo if position 6 of LDR is g"
when
((existsControl "LDR.{6,1}.g" ) AND ( existsControl
"008.{35,3}.fre" ))
then
addSubField "245.h.[Vidéo]" if ( not exists "245.h" )
end
```

Example 21

```
rule "remove subfield 245.h"
    when
        (exists "245.h.[Ephemera]")
    then
         removeSubField  "245.h"
end
```

Example 22

```
rule " Add field 901 with sub field a with text Architecture Dept.
only if it is not already there and if 902 $$b has 034-ARC"
when
((exists "902.b.034-ARC") AND (not exists "901.a.Architecture
Dept"))
then
addField "901.a.Architecture Dept"
end
```

Example 23

```
rule "Copy 035 subfield b to 035 subfield a"
```

```
when
(TRUE)
then
changeSubField "035.b" to "a"
end
```

Example 24

```
rule "Create 041 subfield a with ger if position 35-37 in 008 is
ger"
when
((existsControl "008.{35,3}.ger") AND (not exists "041.a.ger"))
then
addField "041.a.ger"
end
```

Example 25

```
rule "Add field 940 with 1st indicator =1, second indicator empty,
subfield a with text YBPDDA"
when
(TRUE)
then
addField "940.{1,-}.a.YBPDDA"
end
```

Example 26

```
rule "Change second indicator of field 856 to 0 if the value is 1"
when
(TRUE)
```

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```
then
changeSecondIndicator "856" to "0" if (exists "856.{*,1}")
end
```

Example 27

```
rule "Move field 001 to 009"
when
(not existsControl "009")
then
changeControlField "001" to "009"
end
```

Example 28

```
rule "Move field 300 to 901"
when
(TRUE)
then
changeField "300" to "901"
end
```

Example 29

```
rule "Add field 0820 with subfield a with text 296.5 YLK if it
doesnt already exist in either 082 or 0820"
when
((not exists "082.{0,-}.a.296.5 YLK") AND (not exists "082.a.296.5
YLK"))
then
addField "082.{0,-}.a.296.5 YLK"
end
```

Example 30

```
rule "edit LDR pos 6 for maps"
when
((exists "245.h.[Map]") OR (exists "245.h.[Carte]"))
then
replaceControlContents "LDR.{6,1}.a" with "e"
end
```

Example 31

```
rule "Suffix 050.b with (ONLINE) if not already"
when
(TRUE)
then
suffix "050.b" with "(ONLINE)" if (not exists "050.b.ONLINE")
end
```

Example 32

```
rule "Prefix 050.a with (ONLINE) if not already"
when
(TRUE)
then
prefix "050.a" with "(ONLINE)" if (not exists "050.a.ONLINE")
end
```

Example 33

```
rule "Copy 001 Field to 035 Field"
when
(TRUE)
then
copyField "001" to "035.a"
end
```

Example 34

```
rule "Add system number 035.a from 001 prefixed by 003"
when
(TRUE)
then
addSystemNumber "035.a" from "001" prefixed by "003"
end
```

Example 35

```
rule "delete the 035 Starts with (OCoLC)"
priority 2
when
TRUE
then
removeField "035" if (exists "035.a.(OCoLC)*")
end

rule "change 035 to 996"
priority 1
when
TRUE
then
changeField "035" to "996"
end
```

Example 36

```
rule "remove 900 field if it has subfield a with local"
when
(TRUE)
then
removeField "900" if (exists "900.a.Local")
end
```

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Example 37

```
rule "change the first occurrence of 040 subfield d to a and do
not change other ones"
when
(TRUE)
then
changeSubFieldOnlyFirst "040.d" to "a"
end
```

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Example 38

```
rule "change all occurrences of 040 subfield d to a except the
first one"
when
(TRUE)
then
changeSubFieldExceptFirst "040.d" to "a"
end
```

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Example 39

```
rule "Replace the first occurrence of Baker and Taylor in subfield
a with B and T  Do not change other occurrences of other subfield
a with Baker and Taylor"

    when
         (TRUE)
     then
             replaceContentsOnlyFirst "938.a.Baker and Taylor" with
"B and T"
end
```

Example 40

```
rule "Replace all occurrences of Baker and Taylor in subfield a
with B and T  except for the first occurrence"

    when
         (TRUE)
     then
             replaceContentsExceptFirst "938.a.Baker and Taylor"
with "B and T"
end
```

Example 41

```
rule "Add 099 with conditions"
when
((existsControl "008.{15,2}.my") OR (existsControl
"008.{15,3}.may") OR (exists "041.a.may") OR (exists "043.a.my"))
then
addField "099.a. MALAYSIANA" if (not exists "099.a.MALAYSIANA")
addSubField "099.e.whatever" if (not exists "099.e.whatever")
end
```

Example 42

```
rule "remove 866 except for ones which have a 0 or a 99 in the
subfield 8"
when
(TRUE)
then
removeField "866" if (not exists "866.8.0|99")
end
```

Example 43

```
rule "Add 490 1 $$a P|pes in code if it does not already exist"
when
not exists "490.{1,-}.a.P\\\\|pes in code"
then
        addField "490.{1,-}.a.P\\\|pes in code"
end
```

Example 44

```
rule "one"
when
(TRUE)
then
removeField "866" if (exists "866.x")
end
rule "two"
when
```

```
(TRUE)
then
removeField "866" if (exists "866.z")
end
```

Example 45

```
rule "Add field 901 if 900 exists with Architecture or Design in
subfield a"
when
((exists "900.a.Design|Architecture") AND (not exists
"901.a.248365-613"))
then
addField "901.{-,-}.a.248365-613"
end
```

Example 46

```
rule "remove 009"
when
(TRUE)
then
removeControlField "009"
end
```

Example 47

```
rule "Add field 900 with subfield a Govt. Doc if 008 has a u in pos 17
and an f in pos 28"
```

```
when
   existsControl  "008.{17,1}.u" AND existsControl  "008.{28,1}.f"
   then
     addField "900.a.Govt. Doc" if (not exists "900.a.Govt. Doc")
end
```

Example 48

```
rule "Change field 536 to 973 if 536 has Donated or donated
anywhere in subfield a"
when
(TRUE)
then
changeField "536" to "973" if (exists "536.a.*Donated*")
changeField "536" to "973" if (exists "536.a.*donated*")
end
```

Example 49

```
rule "populate 008 7-10 1999"
when
  ((exists "260.{*, }.c.1999*") OR (exists "264.{*, }.c.1999*"))
then
  replaceControlContents "008.{7,4}" with "1999"
end

rule "populate 008 7-10 2000"
when
  ((exists "260.{*, }.c.2000*") OR (exists "264.{*, }.c.2000*"))
then
  replaceControlContents "008.{7,4}" with "2000"
end

rule "populate 008 7-10 2001"
when
  ((exists "260.{*, }.c.2001*") OR (exists "264.{*, }.c.2001*"))
then
  replaceControlContents "008.{7,4}" with "2001"
end
```

```
rule "populate 008 7-10 2002"
when
  ((exists "260.{*, }.c.2002*") OR (exists "264.{*, }.c.2002*"))
then
  replaceControlContents "008.{7,4}" with "2002"
end

rule "populate 008 7-10 2003"
when
  ((exists "260.{*, }.c.2003*") OR (exists "264.{*, }.c.2003*"))
then
  replaceControlContents "008.{7,4}" with "2003"
end

rule "populate 008 7-10 2004"
when
  ((exists "260.{*, }.c.2004*") OR (exists "264.{*, }.c.2004*"))
then
  replaceControlContents "008.{7,4}" with "2004"
end

rule "populate 008 7-10 2005"
when
  ((exists "260.{*, }.c.2005*") OR (exists "264.{*, }.c.2005*"))
then
  replaceControlContents "008.{7,4}" with "2005"
end

rule "populate 008 7-10 2006"
when
  ((exists "260.{*, }.c.2006*") OR (exists "264.{*, }.c.2006*"))
then
  replaceControlContents "008.{7,4}" with "2006"
end

rule "populate 008 7-10 2007"
when
  ((exists "260.{*, }.c.2007*") OR (exists "264.{*, }.c.2007*"))
then
  replaceControlContents "008.{7,4}" with "2007"
end


rule "populate 008 7-10 2008"
when
  ((exists "260.{*, }.c.2008*") OR (exists "264.{*, }.c.2008*"))
then
  replaceControlContents "008.{7,4}" with "2008"
end
```

```
rule "populate 008 7-10 2009"
when
  ((exists "260.{*, }.c.2009*") OR (exists "264.{*, }.c.2009*"))
then
  replaceControlContents "008.{7,4}" with "2009"
end

rule "populate 008 7-10 2010"
when
  ((exists "260.{*, }.c.2010*") OR (exists "264.{*, }.c.2010*"))
then
  replaceControlContents "008.{7,4}" with "2010"
end

rule "populate 008 7-10 2011"
when
  ((exists "260.{*, }.c.2011*") OR (exists "264.{*, }.c.2011*"))
then
  replaceControlContents "008.{7,4}" with "2011"
end

rule "populate 008 7-10 2012"
when
  ((exists "260.{*, }.c.2012*") OR (exists "264.{*, }.c.2012*"))
then
  replaceControlContents "008.{7,4}" with "2012"
end


rule "populate 008 7-10 2013"
when
  ((exists "260.{*, }.c.2013*") OR (exists "264.{*, }.c.2013*"))
then
  replaceControlContents "008.{7,4}" with "2013"
end


rule "populate 008 7-10 2014"
when
  ((exists "260.{*, }.c.2014*") OR (exists "264.{*, }.c.2014*"))
then
  replaceControlContents "008.{7,4}" with "2014"
end


rule "populate 008 7-10 2015"
when
  ((exists "260.{*, }.c.2015*") OR (exists "264.{*, }.c.2015*"))
then
```

```
  replaceControlContents "008.{7,4}" with "2015"
end

rule "populate 008 7-10 2016"
when
  ((exists "260.{*, }.c.2016*") OR (exists "264.{*, }.c.2016*"))
then
  replaceControlContents "008.{7,4}" with "2016"
end


rule "populate 008 7-10 2017"
when
  ((exists "260.{*, }.c.2017*") OR (exists "264.{*, }.c.2017*"))
then
  replaceControlContents "008.{7,4}" with "2017"
end


rule "populate 008 7-10 2018"
when
  ((exists "260.{*, }.c.2018*") OR (exists "264.{*, }.c.2018*"))
then
  replaceControlContents "008.{7,4}" with "2018"
end


rule "populate 008 7-10 2019"
when
  ((exists "260.{*, }.c.2019*") OR (exists "264.{*, }.c.2019*"))
then
  replaceControlContents "008.{7,4}" with "2019"
end
```

Example 50

```
rule "Copy field 050 to 090 and change indicators"
when
(TRUE)
then
copyField "050" to "090"
changeFirstIndicator "090" to " " if (exists "090.{0,*}")
changeSecondIndicator "090" to " " if (exists "090.{*,0}")
end
```

Example 51

```
rule "Copy field 490 to 830 and change indicators"
when
(TRUE)
then
copyField "490" to "830"
changeFirstIndicator "830" to " " if (exists "830.{0,*}")
changeSecondIndicator "830" to "0" if (exists "830.{*, }")
end
```

Example 52

```
rule "change 035 text and subfield 3"
priority 3
when
TRUE
then
replaceContents "035.a.(Aleph)" with "(Mnu)Aleph" if(exists
"035.*.(Aleph)*UMN01")
end

rule "change 035 text and subfield 2"
priority 2
when
TRUE
then
replaceContents "035.a.UMN01" with "" if(exists "035.*.*UMN01")
end

rule "change 035 text and subfield 1"
priority 1
when
TRUE
then
changeSubField "035.a" to "z" if(exists "035.*.(Mnu)Aleph*")
end
```

Example 53

```
rule "add Hol 853"
salience 100
when
  (TRUE)
then
  addField "853.{2,0}.8.1"
  addSubField "853.i.(year)"
  addSubField "853.j.(month)"
end
rule "add first Hol 863"
salience 90
when
  (TRUE)
then
  addField "863.{3,2}.8.1.1"
  addSubField "863.i.2015"
  addSubField "863.j.01"
  addSubField "863.w.g"
end
rule "add second Hol 863"
salience 80
when
  (TRUE)
then
  addField "863.{3,2}.8.1.2"
  addSubField "863.i.2015" if (exists "863.{3,2}.8.1.2")
  addSubField "863.j.03-05" if (exists "863.{3,2}.8.1.2")
  addSubField "863.w.g" if (exists "863.{3,2}.8.1.2")
end

rule "add third Hol 863"
salience 70
when
  (TRUE)
then
  addField "863.{3,2}.8.1.3"
  addSubField "863.i.2015" if (exists "863.{3,2}.8.1.3")
  addSubField "863.j.09" if (exists "863.{3,2}.8.1.3")
end
```

Example 54

```
rule "remove period in 245 subfield a (replace it with nothing)
period is specified by preceding it with four backslashes"
    when
         (TRUE)
      then
          replaceContents "245.a.\\\\." with ""
end
```

Example 55

```
rule "Add field 906 with text Architecture and period at end and
also add field 907 with F.L.T."
salience 100
when
   TRUE
then
        addField "906.a.Architecture\\\\."
        addField "907.a.F.L.T\\\\."
end
```

Example 56

```
rule "Add field 906 with text Architecture and period at end and
also add field 907 with F.L.T."
salience 100
when
   TRUE
then
        addField "906.a.Architecture\\\\."
        addField "907.a.F\\\\.L\\\\.T\\\\."
end
```

Example 57

```
rule "append a period to the end of 245 subfield a and c"
when
(TRUE)
then
suffix "245.a" with "." if (not exists "245.a.*:")
suffix "245.c" with "." if (not exists "245.c.*.")
replaceContents "245.a. :" with "\\\. :"  if (not exists "245.a.*.
:")
end
```

Example 58

```
rule "Combine 650"
when
(TRUE)
then
combineFields "650" excluding "a,z"
end
```

Example 59

```
rule "Combine 906 subfield a with 907 subfield c into new field
910 subfield a if it does not already exist and put two dashes
between the text of each former subfield"
when
 ( not exists "910.a" )
then
addField "910.a. -- "
prefixSubField "910.a" with "906.a" if (exists "910.a")
suffixSubField "910.a" with "907.c" if (exists "910.a")
end
```

Example 60

```
rule "Combine 906 subfield a with 907 subfield c into new field
910 subfield a if it does not already exist"
when
 ( not exists "910.a" )
then
addField "910.a.-----"
prefixSubField "910.a" with "906.a" if (exists "910.a")
suffixSubField "910.a" with "907.c" if (exists "910.a")
replaceContents "910.a.-----" with " "
end
```

Example 61

```
rule "Combine 906 subfield a with 907 subfield c into new field
910 subfield a if it does not already exist and put a forward
slash between the text of each former subfield"
when
 ( not exists "910.a" )
then
addField "910.a. / "
prefixSubField "910.a" with "906.a" if (exists "910.a")
suffixSubField "910.a" with "907.c" if (exists "910.a")
end
```

Example 62

```
rule "EXL - change (pbk) in 020 a to be in subfield q"
    when
```

```
        (TRUE)
      then
            addSubField "020.q.(pbk)" if (exists "020.a.*(pbk)")
            replaceContents "020.a.(pbk)" with ""
end

rule "EXL - change (paperback) in 020 a to be in subfield q"
    when
        (TRUE)
      then
            addSubField "020.q.(paperback)" if (exists
"020.a.*(paperback)")
            replaceContents "020.a.(paperback)" with ""
end

rule "EXL - change (hbk) in 020 a to be in subfield q"
    when
        (TRUE)
      then
            addSubField "020.q.(hbk)" if (exists "020.a.*(hbk)")
            replaceContents "020.a.(hbk)" with ""
end

rule "EXL - change (hardback) in 020 a to be in subfield q"
    when
        (TRUE)
      then
            addSubField "020.q.(hardback)" if (exists
"020.a.*(hardback)")
            replaceContents "020.a.(hardback)" with ""
end

rule "EXL - change (electronic) in 020 a to be in subfield q"
    when
        (TRUE)
      then
            addSubField "020.q.(electronic)" if (exists
"020.a.*(electronic)")
            replaceContents "020.a.(electronic)" with ""
end

rule "EXL - change (electronic bk) in 020 a to be in subfield q"
    when
        (TRUE)
      then
            addSubField "020.q.(electronic bk)" if (exists
"020.a.*(electronic bk)")
            replaceContents "020.a.(electronic bk)" with ""
end
```

Example 63

```
rule "add space and slash to end of a"
priority 10
when
(TRUE)
then
suffix "245.a" with " /" if (exists "245.b.subtitle*/")
end

rule "remove 245 subfield b if it has text subtitle and a slash"
priority 9
when
(TRUE)
then
removeSubField "245.b" if (exists "245.b.subtitle*/")
end
```

Example 64

```
rule "Add Value of 001 to 035 and prefix it with the value of 003
in parentheses"
    when
        (TRUE)
     then
AddSystemNumber "035.a" from "001" prefixed by "003"
end
```

Example 65

```
rule "Add Value of 005 to 900 and prefix it with the value of 009
in parentheses"
```

```
    when
        (TRUE)
    then
AddSystemNumber "900.a" from "005" prefixed by "009"
end
```

Example 66

```
rule "add ISIL cataloging agency"
when
not exists "040.a.*"
then
        addCreatingAgency "040.a"
end
```

Example 67

```
rule "add ISIL modifying cataloging agency"
when
not exists "041.a.*"
then
        addModifyingAgency "041.a"
end
```

Example 68

```
rule "Copy 900 b to 090 a"
when
exists "900.b"
then
copyField "900.b" to "090.a"
```

```
removeField "900.b"
end

rule "Combine 901"
when
exists "901.a"
then
combineFields "901" excluding "z"
end
```

Example 69

```
rule "If 040 e is RDA then make LDR pos 18 be i"
    when
        ((exists "040.e.rda") OR (exists "040.e.RDA"))
    then
        replaceControlContents "LDR.{18,1}" with "i"
end
```

Example 70

```
rule "Replace () in subfield a "
when
(TRUE)
then
replaceContents "500.a.(" with ""
replaceContents "500.a.)" with ""
end
```

Example 71

```
rule "Replace () in subfield a "
when
```

```
(TRUE)
then
replaceContents "500.a.(" with "["
replaceContents "500.a.)" with "]"
end
```

Example 72

```
rule "step two replace everything after the period in 859 subfield
i with nothing"
    when
        (TRUE)
      then
            replaceContents "859.i.theperiod*" with ""
end

rule "step one replace everything after the period in 859 subfield
i with nothing"
    when
        (TRUE)
      then
            replaceContents "859.i.\\\\." with "theperiod"
end
```

Example 73

```
rule "replace a backslash with nothing (blank)"
    when
        (TRUE)
      then
            replaceContents "245.a.\\" with ""
end
```