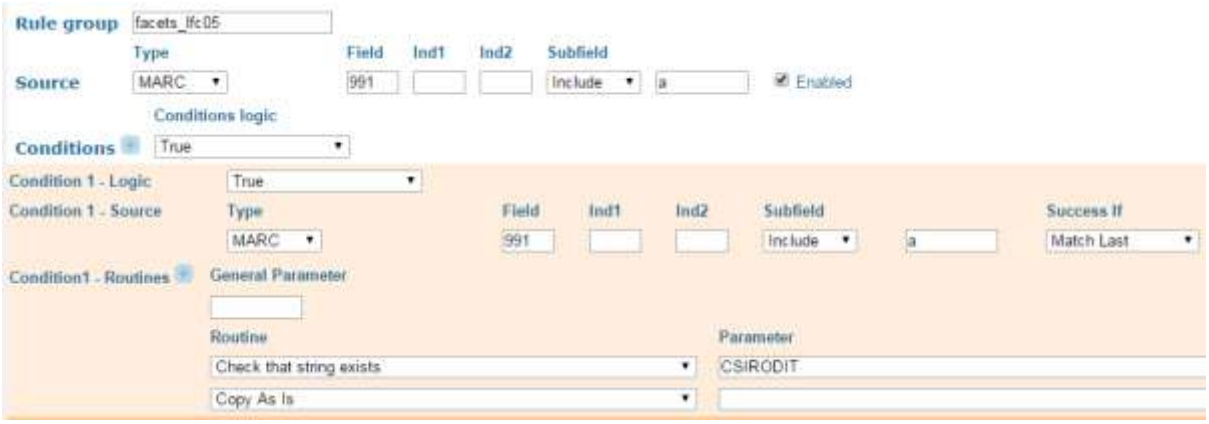
Creating an Alma/Primo XService Database Web Application

These are the steps used to create a Database Web Application powered only by Alma, JavaScript and Primo XService. Records related to the application are added and maintained in Alma and are accessed via the Primo XService API.

Update Primo Normalisation Rules

You will need to make two configuration changes to your Primo Normalisation Rules.

1. Add a Static Facet to Primo.
   I will not go into the details on how to do this.
   Instead, as a guide, I have added the document CreatingANewStaticFacetBasedonaMARCField.pdf to the GitHub repository which outlines a similar process. (I'm no Primo Back Office guru so you may know a better way to do this)
   The rule for the static facet should be something like:



2. Add a Subject Search to Primo based on the MARC 692 field.
   Within your normalisation rules select the PNX Section of Search.
   Choose to Edit the search:subject PNX Field.
   Add a rule similar to:

3. Deploy your Primo Normalisation Rules changes.

Add/Update MARC records for your Database Application

1. Edit Alma records you wish to include in the database web application.
   For any Alma bibliographic record that you wish to include in the database application you will need to update the MARC data.
   The record will need:
   A Title : MARC 245
   A URL : MARC 856
   A Subject field identifying the record as belonging to the database application.
   In this example, MARC 692
   A field used to create a static facet in Primo. In this example, MARC 991.

245	0	0	‡a Ulrichs Periodicals Directory ‡h [electronic resource]
310			‡a Weekly
362	1		‡a Unknown.
520			‡a Ulrichsweb provides detailed information on more than 30(types: academic and scholarly journals, e-journals, peer-revie newsletters, and more.
538			‡a Mode of access: World Wide Web.
650		4	‡a General
692			‡a CSIRODIT ‡x CSIRO
856	4	1	‡u https://ulrichsweb.serialssolutions.com/ ‡z Fulltext
991			‡a CSIRODIT

Fields of interest:

692: This field is used to create a subject search field entry in Primo.
This will allow an XService subject search on “CSIRODIT” to retrieve all of the database records. The ‡x CSIRO is a flag used to only load 692 information into Primo if the records contains this information.

856: The linking url to the database resource.
In our case we also use the ‡z field to identify fulltext databases.

911: This field is used to create a static facet in Primo. All searches via the UI will be limited by this static facet.

Install and Run the PrimoXServiceDatabases Application

1. Add the IP Address of your PC (or WebServer) to the Primo WS and IP Mapping table. Deploy your changes.
   Note: Hosted customers will need to contact Ex Libris Customer Support to do this.

2. Download the application to your PC or Server.

3. Run index.html.