

ImportDistributorStatements

The purpose of this program is to transform statements from distributors of your music about the sales into a format which can be read by an ERP-Software. It's also possible to write the data from the distributor to a MBO triple store. As we create this program to demonstrate the idea and show its feasibility, we currently can only read statements in the format of the distributor K7 and transform it to an XML-file which is used by SAP by Design to import external sales reports. This can be easily extended to cover more formats.

To run the program, you need to doubleclick the file ImportDistributorStatements.exe. Make sure, that the Microsoft .NET Framework 4 is installed on your machine. If not, you can download it at <http://www.microsoft.com/de-de/download/details.aspx?id=17718>

The **user interface** consists of 3 tabs. The first tab is to configure the SPARQL endpoint of your triple store, if you want to write the statement to it.

Endpoint URL: Enter the URL of the SPARQL-Endpoint of the triple store here.

User Name: Enter the name of the user of your triple store here. Make sure, that this user has write access!

Graph Name: Here you have to enter the name of the data graph, where your data should be saved. The name should look like an URI, i.e. *http://www.yourwebspace.com/* The last slash is mandatory, if you forgot it, we'll automatically add it!

Local Name: Here you have to enter the extension of the Graph Name that your data should be saved to. You can use something like *musicmetadata/* Again, the last slash is mandatory, if you forgot it, we'll automatically add it!

In the **Distributor Statement** tab, you can load the statement you got from your distributor. In the upper part you can chose from the implemented sources, currently only *K7*. When you imported the data, it will be displayed in a table with all the information from the file. You can filter this information by adding Filters to the display. You can filter by artist name, country of sale, download-type, format, shop name and type. According to those filters, there is a summation to see how much money you get from the statement and how much was returned.

You also need to set the period (start and end date) for which the statement is. With this information, the data can be written to your triple store or into a file for an ERP-System. To write them into a triple store, you just have to configure the SPARQL-endpoint in the mentioned Configuration tab and click the **Write Statement to Triplestore** button. You will be asked to enter the password for the configured user and then the data will be written.

In the tab **Transformation Target** you can export the imported statement to another format. In the upper part, the available formats are listed, currently only SAP By Design is available. The additional information for this exports depends on the target format. For the SAP by Design, you need for example the number of the organisational units of the buyer, the sales unit, the currency of the statement, the invoice date and so on. Clicking the **Go!** button will perform the transformation and will write an XML-File to a location you name.