Custom Transformation Steps

This guide is for developers who want to create their own Data Transformation widgets for Yellowfin. After development, widgets may be imported into Yellowfin using the plug-in manager. Developers may write their own Input, Transformation and Output widgets.

Setup Overview

These are the prerequisites for setting up the development environment for writing any Yellowfin plug-ins:

- Set up your preferred IDE. The steps in this guide use Eclipse for EE developers.
- Install the Tomcat plug-in for your IDE, if it's not already included in the installation.
- Install the version of Yellowfin to be used for development.
- Start up Yellowfin to extract the WAR file.



See our guide on the basics of developing plugins and steps.

Javadoc

This guide links to Yellowfin's javadoc containing detailed documentation of the entire Data Transformation API. Click here to view the javadoc.

You can also download the latest javadoc here: ETL-Javadoc-v1.0.zip

Guide Contents

The following sections are covered in this guide:

- **Data transformation objects:** This section contains information on the objects involved in the data transformation process.
- **Step implementation:** This explains how the step interface and processing logic should be implemented.
- **Data transformation parameters:** This provides information on how to implement parameters used when transformation data.
- **Code examples:** Download code bundles, equipped with yfp files (containing dependencies) to use in your environment, or simply refer to the code.