

# Equivalency Import

The Equivalency service provides the possibility to import equivalency rules via a csv file.

There are two modes in which the import can be carried through:

Using the object ID of the course or the course template as unique identifier:

- In this case the report file must have the following structure

ID	Type	Gives Credit to	Receives Credit from	Is equivalent with	EQS type	Validation relevance
115869	COURSE	486541COURSE, 698696- COURSETYPE	445986-COURSE, Set (112368- COURSETYPE, 115987- COURSE)	112895- COURSETYPE	Covering	Yes
458396	COURSE	\$clear!\$			Passing	No
619895	COURSETYPE				Covering	No

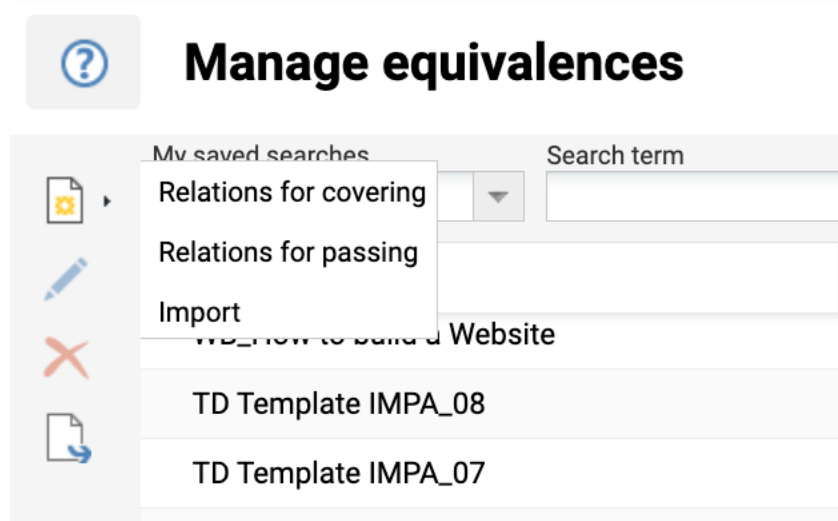
Using the identification code (course code) of the course or course template as unique identifier:

- The file will have in this case the following structure:

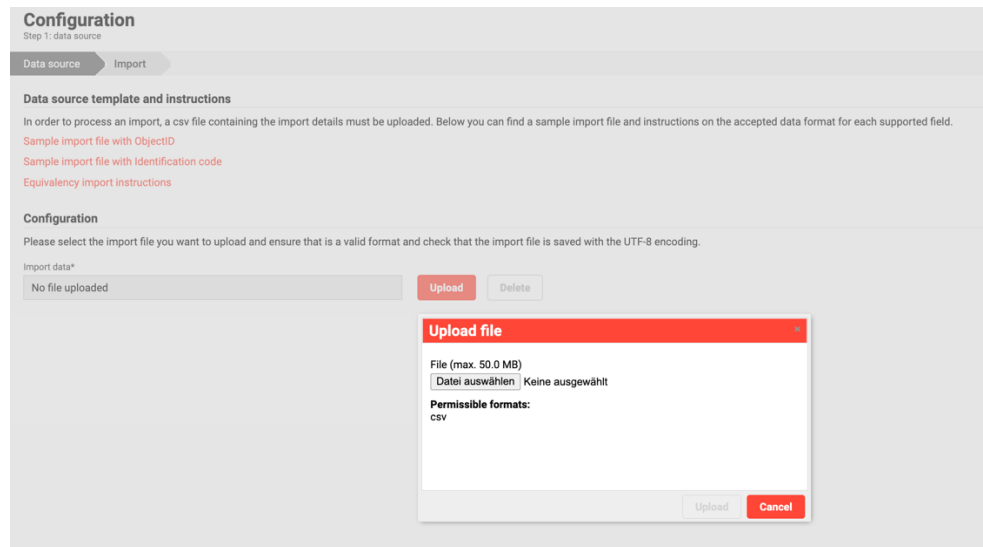
Course code	Type	Gives Credit to	Receives Credit from	Is equivalent with	EQS type	Validation relevance
TEMP1 DEL JUL20 OBJ-01	COURSETYPE	TEMP1 DEL JUL20 OBJ- 02COURSETYPE	TEMP1 DEL JUL20 OBJ- 03COURSETYPE	TEMP1 DEL JUL20 OBJ- 04COURSETYPE	Covering	No
TEMP1 DEL JUL20 OBJ-05	COURSETYPE			TEMP1 DEL JUL20 OBJ- 06COURSETYPE	Covering	No

<b>Column name</b>	<b>Details</b>	<b>Data validation</b>
ID	Mandatory	Must be a valid ID of a course or course template from ILS, for which the user who is performing the import has clearances to view.
Course code (alternative to Object ID)	Mandatory (alternative to the ID) - only one of these two columns can be present in the import file and must have the first position.	Must be a valid identification code (course code) of a course or course template from ILS, for which the user who is performing the import has clearances to view.
Type	Mandatory	Either COURSE (for courses) or COURSETYPE (for course templates). Must lead, together with the object ID specified in the first column, to finding a valid object in ILS
Gives credit to	Accepts a list of course/course template ID, accompanied by the type of object	A valid entry leads to identifying the objects based on the id and type in the ILS. The format of the input is the id or course code, followed by the “-“ character, followed by the type keyword (COURSE or COURSETYPE)
Receives credit from	Accepts a list of course/course template ID, accompanied by the type of object.  Sets are allowed as well	In order to specify a set of values, the keyword Set will be used, and the list of objects from the set is provided between parenthesis.
Is equivalent with	Accepts a list of course/course template ID, accompanied by the type of object.  Sets are allowed as well	
EQS type	Passing or Covering	I column / entry is not available “Covering” will be used automatically in created relation
Validation relevance	Yes or No	Mandatory

When clicking on the “Create” button the import menu item appears. To start the import this button



When selected, the import wizard will be launched. In the next step, it is required to select the csv file.



After the import file was uploaded and the separator specified, the file will be uploaded. Then press the “Continue” button on the right side.

### Configuration

Step 1: data source

Data source Import Continue

#### Data source template and instructions

In order to process an import, a csv file containing the import details must be uploaded. Below you can find a sample import file and instructions on the accepted data format for each supported field.

[Sample import file with ObjectID](#)

[Sample import file with Identification code](#)

[Equivalency import instructions](#)

#### Configuration

Please select the import file you want to upload and ensure that is a valid format and check that the import file is saved with the UTF-8 encoding.

Import data\*

eqs\_rules\_template\_course\_code\_2\_1350638.csv Upload Delete

Then a check of the structure will take place, and the user can proceed by clicking the “Continue” button on the right side again.

When clicking “Begin processing” the import will be carried through.

### Configuration

Step 3: Processing

Data source Import

#### Processing

To import file, please click "Continue". When the process is complete, you will receive a confirmation message and a log file.

Begin processing

The summary of the import will provide information about the number of records processed and ignored and about the number of rules created, updated or deleted.

A log file detailing the encountered issues, if any, will be available for download.

## Import behaviour

- Each row provides a complete definition of rules for a certain object and is the equivalent of creating such rules manually in the interface by selecting an object and filling out values in the three columns.
- When data in a certain column is not filled, this means that there is no change to the current rules available in that category for the given object.
- In order **to delete/clear the rules in a certain category**, a special keyword will be provided: <<**clear!**>>
- When a value or list of values are provided in a given category, if the system already has some values prior to the import, these values are removed and replaced with the new values as provided by the import file.
- Each row of the import file is processed independently.
- Only valid rows are imported. Invalid rows are skipped.
- If the EQS Type column is not present in the import file, or no value is specified for an entry, the default value “covering” will be set for the relation
- If the Validation relevance column is missing or empty no equivalence will be created
- In order for a row to be valid, it needs to contain valid data, identifiable in ILS.
  
- E-signature is required if in the import file any creation or change of a validation relevant equivalence is defined
  
- Deletion of a validation relevant equivalence or a relation that points to a validation relevant equivalence is not possible

## Validation

The following aspects are checked:

- Valid ID and Object type : The specified object could not be found based on the provided ID and type
- Syntax check: Syntax of the Set keyword, Syntax of the Clear keyword