



ESNbuddyMatcher v1.0 – Instructions

1. **Get the results of the webform in a CSV format.** Connect with your galaxy account and go to the tab “Results” of the webform. You need 2 files, one for the locals and one for the incoming students!

IMPORTANT: The webform needs exactly the same fields as the one of ESN EPFL for Summer 2016, otherwise the data format won’t be recognized by the buddyMatcher.

Export settings (Leave default options for the rest)

Registration to Buddy System Summer 2016 (Incoming Students)

[View](#) [Edit](#) [Webform](#) [Results](#)

[Submissions](#) [Analysis](#) [Table](#) [Download](#)

Export format

☐ Microsoft Excel

☒ Delimited text

Delimited text format

Pipe (|) ▼

This is the delimiter used in the CSV/TSV file when downloading Webform results. Using tabs in the export is the most reliable method for preserving non-latin characters. You may want to change this to another character depending on the program with which you anticipate importing results.

Column header format

☐ Label

☒ Field Key

Choose whether to show the label or field key in each column header.

▼ Select list options

Select keys

☐ Full, human-readable options (values)

☒ Short, raw options (keys)

Choose which part of options should be displayed from key |value pairs.

Select list format

☐ Separate

Option A	Option B	Option C
x		
x		x
	x	x

Separate options are more suitable for building reports, graphs, and statistics in a spreadsheet application.

☒ Compact

My select list
Option A
Option A,Option C
Option B,Option C





2. Open the BuddyMatcher (Java software). It should look like this:



3. Import both lists with the “import CSV list” button. The total number of students should be shown in the corresponding cases
4. Change the weight parameters if you want and hit “start matching”. The software uses a simplified version of the [stable marriage problem algorithm](#) to match the buddies.
5. When the matching is done, the “save” button becomes active and you will be able to save a new CSV file with the matched buddies. Use LibreOffice to open it, or [import the data into Excel](#).
6. A mail function is coming soon 😊

Contribute: <https://github.com/michaburger/esn-buddy-matcher>

