



Europass Web Services Version 2.0 Java Client Tool – How To

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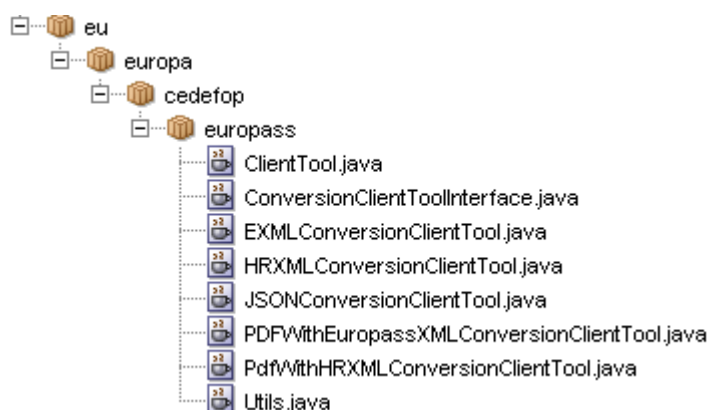
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1. INTRODUCTION

This document provides information on the Java Client Tool for calling the Europass Web Services. First the structure of the source code is explained. Then the prerequisites for running the client executable are given, along with guidelines on how to run it and the meaning of the configuration parameters.

2. EXPLORING THE SOURCE CODE

The structure of the source code is depicted in the picture below:



The “ClientTool” is the main Java class which accepts the configuration parameters and decides, based on these and by utilising Java reflection, which SOAP service and which conversion method to call (“callMethod”).

The “Utils” Java class provides obviously some utilities, such as getting the content of a file (eg xml, json, html) as String (“toString”), or getting a File from a String path (“toFile”), or constructing the generated File name (“fileName”).

The “ConversionClientToolInterface” is simply a Java interface that defines the “initTool” method. The rest of the Java classes implement this interface.

Each of the rest Java classes defines in its “initTool” the SOAP services endpoint, the input parameters, and the output directory. Then, according to the service supported all the conversion methods are supported.

3. USING THE CLIENT TOOL

3.1. Prerequisites

The only prerequisite for running the tool is to have Java (version 1.6) installed to the local computer.

3.2. How to run it?

Open the command line (Windows) or the shell (for Linux) and type the following, by replacing of course the <path-to-java> and <path-to-jar>:

– <path-to-java>/bin/java –jar <path-to-jar>/europass-soapws-client.jar

You need to pass some **parameters** in order to configure the calling of the service. The available parameters are:

- "h" - "help" : Show help
- "L" - "language": **Required** The language in which to receive the converted document. E.g. en_GB for English, fr_FR for French
- "F", "input-file": **Required** The input file to be converted (in one of the following formats: Europass XML, Europass PDF with E-XML attachment, Europass JSON, HR-XML, PDF with HR-XML attachment
- "T" - "conversion-type": **Required** Type one of the following to denote the conversion service to use, «json», «exml», «pdf-exml», «hrxml», «pdf-hrxml»
- "M" - "conversion-method": **Required** Denote the conversion method to use, («to-exml-cv», «to-json», «to-pdf+xml-lp»). Type -c and the conversion type, to see all the available options.
- "O" - "output-directory": **Optional** The directory you want to save the converted file
- "U" - "url": **Optional** Provide the Europass web services url. The default one is «http://europass.cedefop.europa.eu/soapsws/services». Normally, you shouldn't need to change this.
- "c" - "conv": **Info** Available Conversion Methods based on the conversion service, («json», «exml», «pdf-exml», «hrxml», «pdf-hrxml»)

An example for running the tool in Windows environment is given below:

```
C:\>"%JAVA_HOME%/bin/java" -jar D:\europass-ws-  
v2.0\europass-soapws-client.jar -F D:\tmp\in\cv.xml -O  
D:\tmp\out\ -L el_GR -T exml -M to-pdf-exml-cv
```