

Configuration of Epeios-related tools

⚠ This are general configuration instructions common to all Epeios-related tools. Configuration instructions specific to each tool may be available in the *Configuration* section of the tool's main page.

Language

The default language is English. You can switch to French by changing the `<Language>...` `<Language>` entry from the configuration file (`<tool name>.xcfg`) from `en` to `fr`. This two are currently the only available languages, but, by completing the locale file (`<tool name>.xlcl`), and modifying the configuration file accordingly, you can switch to whatever language you want.

It's also possible to change punctually the language, without having to modify the configuration file. See below.

Command-line arguments

All tools based on the *Epeios* framework can have their command-line arguments be configured.

All this tools read their parameters from an internal registry. This registry is filled with the content of the configuration file (and potential project file ; see below), but also with the values depending from the command-line arguments. To set a value for a parameter, you can use this special option :

```
--#<path>=<value>
```

where `<path>`, which is automatically prefixed with `Parameters/`, is the path of the entry in the registry, and `<value>` its value.

For example, there is a `Parameters/Language` entry in the registry for the language to use, and which value is generally set in the configuration file. To switch temporarily to another language without having to modify the configuration file, simply add `--#Language=<language>` option, where `<language>` is the language you want to switch to (given that the translations for this language exist in the locale file ; see above), when calling the tool.

In the configuration file, you will find an `Arguments` section. Each `Argument` entry specifies a shortcut for either the command argument, an option, a flag or an argument which is neither of previous type of argument. The `Layouts` section contains a `Layout` entry for each command to make the link between an argument and the parameter it represents following its position.

The `Locale` section contains the translations of the label and descriptions of the arguments, and is used to automatically generate the help page of the tool.

Project files

Some tools handle project files ; in such a case, this is indicated in the help page (displayed with the `--help` command) of the tool. Such a project file has, by convention, a `.xprj` extension, and following structure :

```
<?xml version="1.0" encoding="utf-8"?>
<Projects>
  <Project target="<tool name>">
    ...
  </Project>
</Projects>
```

In fact, all Epeios-related tools can handle project files, even when not mentioned in the help page. You only have to add a `--#ProjectFilename=<project file name>` option when launching the tool, or set the `Parameters/ProjectFilename` entry in the configuration file to the project filename.

You can put in a project file the same entries as in the configuration file (although, some entries don't make sense, for example the `Parameters/ProjectFilename` entry mentioned above). A project file can be seen as a remote configuration file. For example, there is mentioned above that you can change the language of a tool by changing the `Parameters/Language` entries in the configuration file. But you can also put this entry in a project file, without modifying the configuration file, so that the language of the tool only changes when launched with this project file.

Entries in a project file supersede same entries in configuration file.

Using the XML preprocessor

Configuration/locale/project files go through the Epeios XML preprocessor, as described on the xppq [<http://q37.info/computing/epeios/tools/xppq/>] dedicated page, before handled by the tool. So, all the Epeios XML preprocessor directives can be used in this files. This allows in particular to split each of them in several sub-files.

computing/epeios/tools/configuration.txt · Last modified: 2015/06/30 11:23 by Claude SIMON

Except where otherwise noted, content on this wiki is licensed under the following license: CC Attribution-Share Alike 3.0 Unported [<http://creativecommons.org/licenses/by-sa/3.0/>]