

Comma Command Line Tool Manual

Tools

The command line version of ComMA provides all the functions available from the Eclipse IDE but without user interface. It is distributed as an executable JAR file with name ComMA-X.X.X.jar where X.X.X encodes the version. The latest version is ComMA-4.0.0.jar

Usage from Command Line

To run jar files it is required to have Java (JRE) installed. Jar files in general can be run with the following command (args are arguments):

```
java -jar <jar filename> <args>
```

Arguments

The ComMA jar accepts the following arguments:

- l, --location; **(required)** Location of the ComMA .prj file or directory that contains the .prj file
- v, --validation; Turns off validation
- o, --output; Sets output location of the generated files
- h, --help; Shows options

Examples

Location

The jar requires you to provide at least a location that can either be the .prj file or a directory in which it can find the .prj file. The location argument can be an absolute or relative path. Some examples:

```
java -jar ComMA-4.0.0.jar -l C:\IBoss_example\iboss.prj  
Uses the iboss.prj file for the generation
```

```
java -jar ComMA-4.0.0.jar -l C:\IBoss_example\  
Runs the generation for all .prj files in the directory.
```

Output location

By default the output location is the folder of the provided location argument. ComMA will create two folders in the output location: "src-gen" that contains the generated code for the tasks in the .prj file, and "comma-gen" that contains the results of the execution of the monitoring tasks (if any). In order to change the default output location, an output argument can be provided as an absolute or relative path

```
java -jar ComMA-4.0.0.jar -l C:\IBoss_example\iboss.prj
```

will use C:\IBoss_example\src-gen\ for generated code and C:\IBoss_example\comma-gen\ for monitoring results.

```
java -jar ComMA-4.0.0.jar -l C:\IBoss_example\iboss.prj -o generated  
Will use C:\IBoss_example\generated\ as output location
```

```
java -jar ComMA-4.0.0.jar -l C:\IBoss_example\iboss.prj -o C:\generated\  
Will use C:\generated\ as output location
```

Validation

By default the validation is turned ON. Warnings and errors will be printed to the console. Generation will continue when it encounters warnings but stops when one or more errors are found. Validation can be turned off by using the validation argument.

```
java -jar ComMA-4.0.0.jar -l C:\IBoss_example\iboss.prj -v  
Turns off validation
```