A Tool for Checking Correctness of Design Diagrams in UML

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0.1 Visual Paradigm Plugin

The Visual Paradigm plugin uses the Ant build system.

1. Navigate to the umllint-vp/src directory and start Ant

2. Ant compiles the plugin and creates a umllint-vp/src/plugin directory that the

3. Copy the files in plugin directory into the plugins/net.umllint.plugin.vp/ directory of your Visual Paradigm

4. Set up a writeable temporary directory in the umlllint.properties file

0.2 Command Line Tool

The command line tool uses the Ant build system.

1. Navigate to the umllint-tool/src directory and start Ant

2. Ant compiles the plugin and creates a umllint-tool/build/artifacts/jar that holds the umllint-tool.jar and other

0.3 Master's Thesis

The thesis uses a makefile system

1. Navigate to the umllint-thesis/src and start make.

2. The result is in the dp-dlouhy.pdf file.

0.4 Server

The Server component uses the Gradle build system.

1. Setup the connection string, user and password to the database in the local or production.properties file

2. Navigate to the umllint-server/src and call ./gradlew war to generate the WAR file

3. Upload WAR from the build/libs directory to the web server

0.5 Database

The Database drop and create scripts are located in the umllint-server/database directory.

1. Connect to the database server and run the scripts.