
Subject: TheIDE ClangFormat Integration
Posted by [Klugier](#) on Mon, 26 Dec 2022 21:22:26 GMT
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Hello,

In the last release cycle (2022.3) we made the decision to drop formatting support due to outdated AStyle library. To mitigate this lack I implemented clang-format integration to our TheIDE. It is basing on the binary not LibFormat. The binary of clang-format will be bundled on Windows in bin/clang-format directory. For POSIX platform it should be downloaded via package manager. For my Manajro it is available through regular clang installation.

Features:

- clang-format do not wipe the whole content of the file. It means that you will see blue spots to determine where formatting changes has been applied
- you can have separate .clang-format per package or assembly. Using assembly approach is useful for example for UppHub packages
- .clang-format configuration file can be created from new package window
- U++ style has been created. It is basing on the style used in U++ library. For more information you can see this .clang-format file.

ToDo:

- documentation will be provided once changes will be merged
- bundling .clang-format style file for our installation packages (Windows, POSIX & macOS)
- bundling clang-format executable on Windows
- configuration option like format on save, alternative executable path etc.

If you want to try it by yourself, you can checkout my branch from our GitHub repository (#122): [klugier/clang-format-itnegration](#)

I would be grateful for any feedback you will provide. Finding bugs are much more appropriated!

Klugier
