

Roadmap for CLion 2017.1

Analyzing the feedback we've got on CLion 2016.3, we think we need to first concentrate on **CMake workflow updates**. The following changes are planned and might be (if possible) back-ported to 2016.3.x updates:

- ★ (CLion 2016.3.2 EAP) Exclude CMake generation directory from version control and find usages (CPP-4300).
- ~~Add ability to change CMake defaults (CPP-1887). The most popular case here is to have a default generation directory configured for all user projects.~~
- ★ (CLion 2016.3.2 EAP) Bring back the ability to add additional CMake configurations (CPP-3159). Right now it's only possible to switch them in Settings | Build, Execution, Deployment | CMake. However, we consider making a UI to add any number of configurations to a project. In addition, a switcher to exclude the configuration from indexing could probably be useful for configurations that are not used for code editing.

CLion 2017.1

- Language support:
 - ★ More C++14 coming to CLion. You can check what's left on this new [webhelp page](#).
 - Initial support of C++17:
 - ★ nested namespaces (CPP-3623)
 - ~~initializers in `if` and `switch` statements (CPP-8234).~~
- Indexing and resolve:
 - ★ (CLion 2016.3.2 EAP) GCC 6 support that requires proper handling of `#include_next` in CLion (CPP-3821).
 - ★ Support for precompile headers and `-include` (CPP-53).
- ★ Code analysis: *modernize C++14* intentions
- ★ Refactorings: bug-fixes
- Toolchains: Microsoft compiler support
 - ★ Ability to use MSVC to compile your project in CLion.
 - ★ Support for NMake generator in CMake.
 - ~~Specific language extensions.~~
- ★ Debugger: assembly view
- ★ Unit testing: Catch support