

Compiling File Watcher

At the moment, JetBrains provides builds of `fsnotifier` binary only for x86 and x86-64 architectures. If you want to use it on some other platform, please compile it yourself:

1. Make sure you have C compiler and C headers/libraries packages installed (on Ubuntu, `sudo apt install libc6-dev gcc`` should be enough).
2. Upgrade the IDE to version 2019.3 or newer.
3. Download all `*.h` and `*.c` files along with `make.sh` from <https://github.com/JetBrains/intellij-community/tree/master/native/fsNotifier/linux>, then execute `make.sh` in the directory with downloaded files.
4. Copy the compiled `fsnotifier-<ARCH>` binary into the `bin/` directory of your IDE (where `<ARCH>` is the output of `uname -m`` on your system).
5. Start the IDE and invoke Help | Edit Custom Properties action (or Configure | Edit Custom Properties from the welcome screen), add the following line, then restart the IDE:
`idea.filewatcher.executable.path = fsnotifier-<ARCH>`

Alternatively, you may copy the compiled file to any location and specify a full path to it in the `idea.filewatcher.executable.path` line (may be convenient when there are more than one IDE installed on the system).

You may need to adjust `inotify(7)` instances and `watches` limits.