Integrations
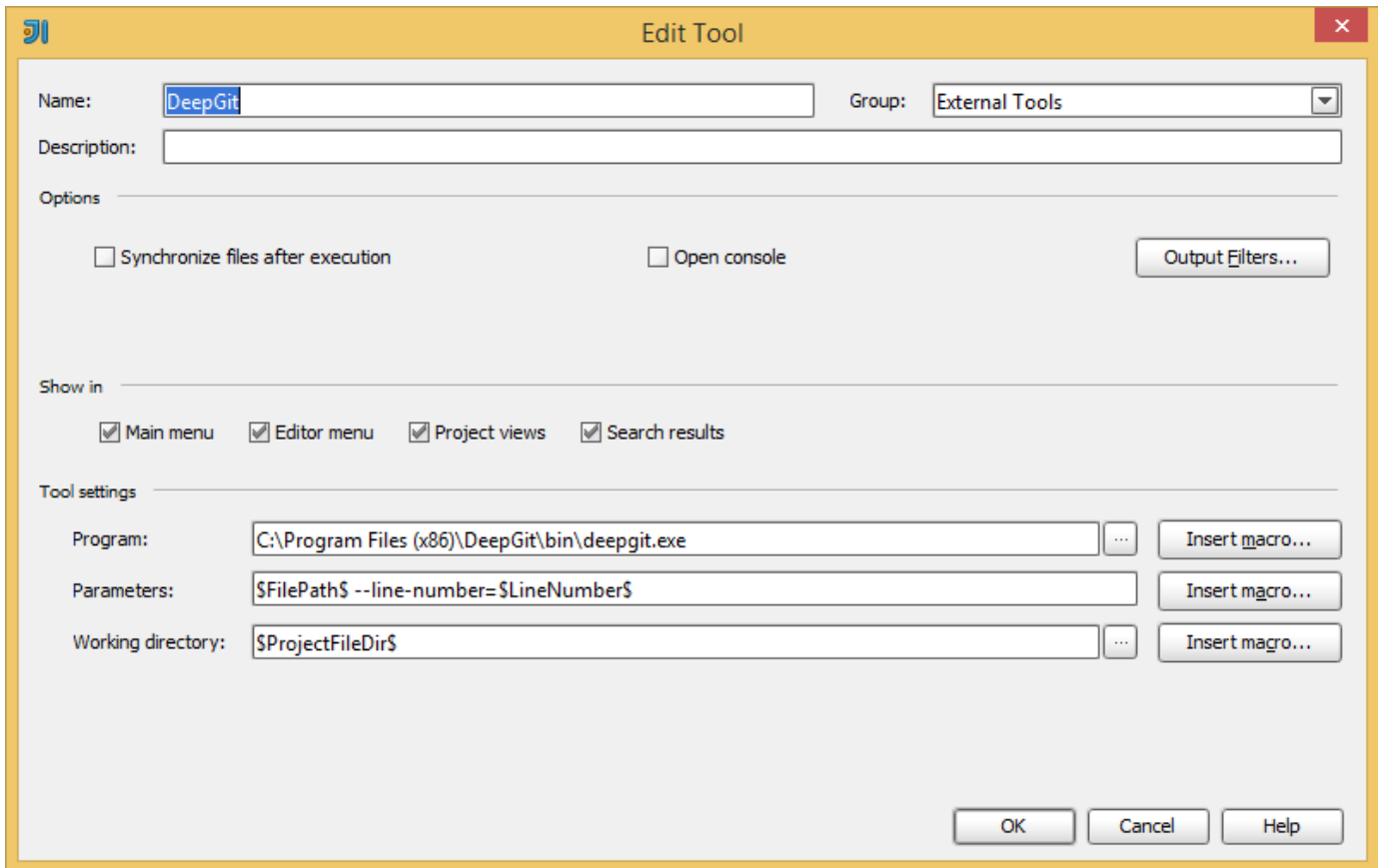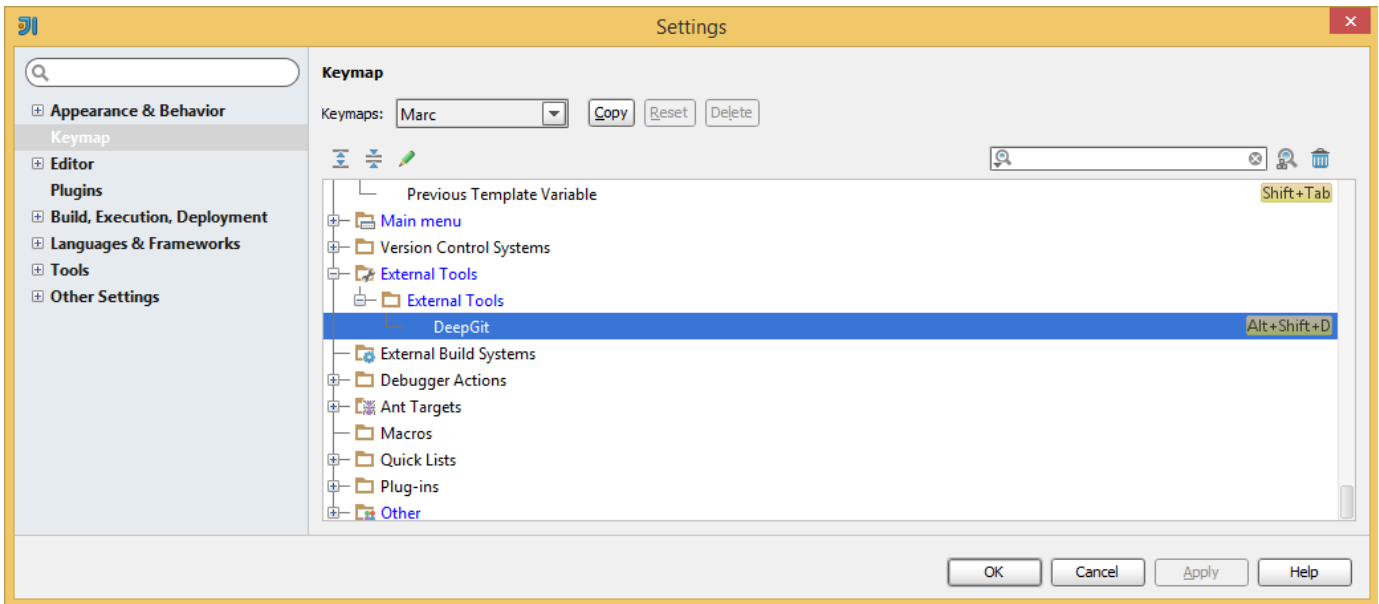
IDEA integration

To invoke DeepGit from within IntelliJ IDEA, open the **Preferences**, go to **Tools|External Tools** and create a new tool there:

- Parameters: `$FilePath$ --line-number=$LineNumber$`
- Working directory: `$ProjectFileDir$`

An example configuration for Windows might look like:

Finally, confirm with **OK**. Now you can invoke DeepGit using **Tools|External Tools|DeepGit**. To assign a shortcut to quickly invoke DeepGit, open the **Preferences**, go to **KeyMap** and configure the shortcut for **External Tools|External Tools|DeepGit**. For instance, you might want to assign `Alt+Shift+D`:
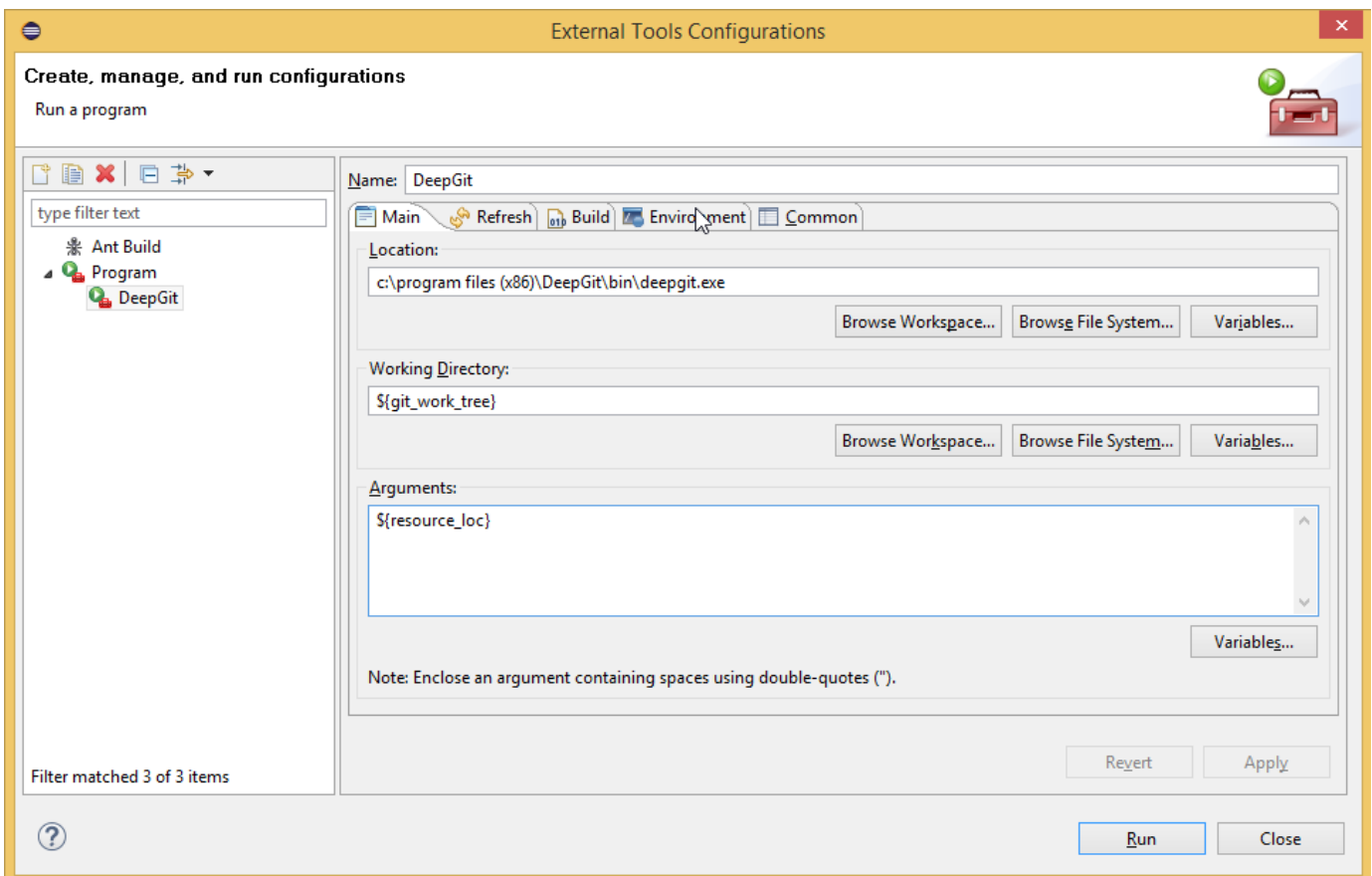
Eclipse integration

To invoke DeepGit from within Eclipse, invoke **Run|External Tools|External Tools Configuration** and create a new configuration there:

- Working directory: `${git_work_tree}`
- Parameters: `${resource_loc}`

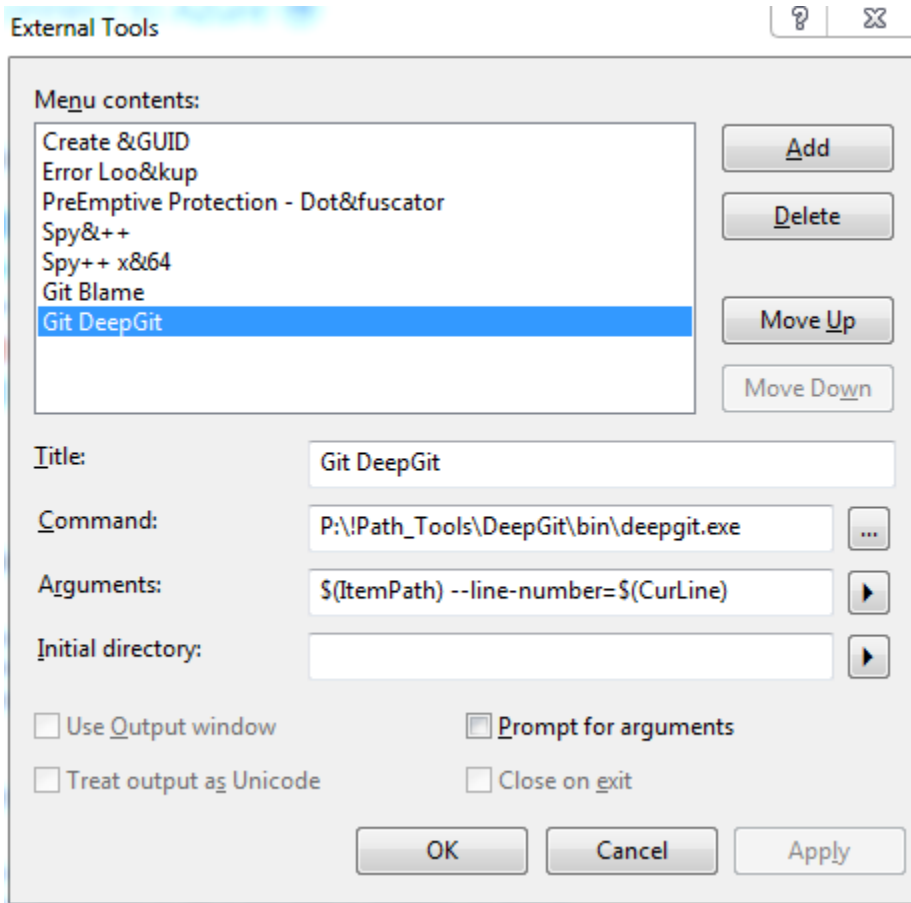An example configuration for Windows might look like:

Now you will be able to invoke DeepGit using **Run|External Tools|DeepGit**.

Microsoft Visual Studio integration

To invoke DeepGit from within Microsoft Visual Studio, invoke **Tools|External Tools...** and create a new configuration there:

- Arguments: `$(ItemPath) --line-number=$(CurLine)`

An example configuration might look like:

Now **Git DeepGit** will be available from the **Tools** menu.

> Note that this example is using a *portable* installation of DeepGit which is located at `P:\!Path_Tools\DeepGit`.

Sublime integration

You can invoke DeepGit from within Sublime using a *Plugin*:

- Locate your Sublime settings directory (in my case `C:\Users\marc\AppData\Roaming\Sublime Text 3\Packages`)
- In sub-directory `packages/user`, create a python file `deepgit.py` with following content:

```
    import sublime, sublime_plugin
    from subprocess import Popen


    class DeepgitCommand(sublime_plugin.TextCommand):
        def run(self, edit):
            for region in self.view.sel():
                row = self.view.rowcol(self.view.line(region).begin())[0] + 1
                fname = self.view.file_name()
                if fname is not None:
                    Popen(["c:/program files (x86)/deepgit/bin/deepgit.exe",
    fname, "--line-number", str(row)])
```

- Be sure to use the correct path to the DeepGit executable in the last line. On Windows, `c:/program files (x86)/deepgit/bin/deepgit.exe` will most likely be fine
- Restart Sublime
- Open a file from your Git repository
- Open the Sublime console (**View|Show Console**)
- Now you should be able to invoke DeepGit by entering following command:

```
    view.run_command("deepgit")
```

- If anything is wrong, Sublime should report a reasonable error message

To assign a keyboard shortcut for DeepGit (e.g. `Alt+Shift+D`), open **Preferences|Key Bindings** and add a new binding, like:

```
    [
        { "keys": ["alt+shift+d"], "command": "deepgit" }
    ]
```