

How Philipp uses PhpStorm

Speaker's notes of brown bag session on Oct 23rd, 2015 by Philipp Rieber – @bicpi

Inspired by

- Screencast [Be awesome in PhpStorm](#) on Laracasts
- [Mikhail Vink's talk](#) at the latest PHP User Group

Useful Plugins

- Color Ide: consistent sidebar background color
- .ignore: Support for VCS ignore files
- Symfony2 Plugin: Massive Symfony support
- PHP Annotation: annotation support
- Key Promoter: reminds you of using shortcuts
- Presentation Assistant: show used shortcuts on bottom of screen

Customized Theming

- Check out <http://daylerees.github.io/>
- Raw theming file in <https://github.com/daylerees/colour-schemes/tree/master/jetbrains>

Install Theme:

```
$ cd ~/Library/Preferences/WebIde90/colors
$ wget https://raw.githubusercontent.com/daylerees/colour-schemes/master/jetbrains/earthsong.icls
```

=> Choose theme in `Settings > Editor > Colors&Fonts`

Minimal as possible

If you want to get fast with PhpStorm, you need to avoid the mouse as much as possible. So there are some measures forcing you to use the keyboard! Nothing is faster than avoiding the mouse.

- Turn off all bars
- Turn off tool windows
- Disable tabs: `Rightclick tab > Tab placement > None`

But how to navigate to files then?

Open Files

- Class: `Cmd+O`
- File: `Cmd+Shift+O`
- Symbol: `Cmd+Alt+O`
- Recent files: `Cmd+E`
- Close File: `Cmd+W` => Btw, check out what's written on the default screen
- Toggle tool windows with: `Cmd+#`, e.g. Project: `Cmd+1`
- Get tabs back: `Window > Editor Tabs > Tabs Placement`

Create files

- Floating filesystem: `Cmd+Up`
- Create File: `Cmd+N` => filter treeview; also for predefined Symfony files
- Delete file: Select file + `Backspace`
- Create directory with parent dirs: just separate by a slash

Change *File and Code Templates* in preferences: e.g. PHP Class => remove header

Most important global shortcuts

- Preferences: `Cmd+,`
- Search anything & everything: `Shift+Shift`
- Action: `Cmd+Shift+A` e.g. Reformat Code with `Cmd+Alt+L`
- Filtering treeviews by starting to type in dialogs, e.g.
 - Preferences: *keymap, live templates*
 - New File
 - File structure
- Close dialogs/popups: `Esc`
- Console: `Alt+F12`, again to close

Live templates / Dynamic snippets

- Preferences: Live templates
- Examples: `fore`, `forek`, `pubf`, `prof`, `prif`, `_c`, `_try`
- Custom: create constructor method `_c`
- Show available Live Template: `Cmd+J`

- Different contexts, e.g. PHP vs. HTML

Emmets

Dynamic snippets for fast coding – <http://emmet.io/>. Samples:

- `table`
- `table.table`
- `table.table>tr`
- `table.table>tr*5`
- `(table.table>tr*5>{Row $})+footer>a[title=foobar]`

Postfix completion

- `!`, `echo`, `else`, `fe`, `if`, `nn`, `not`, `notnull`, `null`, `par`, `return`, `var_dump`
- See also in preferences

Refactoring:

- Refactor this: `Ctrl+T` (most important!)
- Rename file: `Cmd+Up`, `Ctrl+T` / `Shift+F6`
- Rename method
- Extract: Method/Interface/Variable; or inline variable
- Pull up (into parent class)

Reformatting

- Reformat Code: `Alt+Cmd+L` ; or use `Cmd+Shift+A` to search for the action
- My favorite: External Tools => php-cs-fixer: `Cmd+Ctrl+P` ; see preferences

Within a file

- File structure: `Cmd+F12` (vs. `Cmd+7`)

Line operations without text selection:

- Delete: `Cmd+Backspace`
- Duplicate: `Cmd+D`
- Copy: `Cmd+C`
- Cut: `Cmd+X`

- `Backspace` / `Delete` : One char, `Alt+Backspace` / `Alt+Delete` : One word
- `Shift+Enter` : create new line *after*, wherever you are on the prev line
- `Cmd+Alt+Enter` : create new line *before*, wherever you are on the prev line
- Join Lines: `Ctrl+Shift+J` , e.g. for fluent interface

Move lines

- One line Up/Down: `Alt+Shift+Up` / `Alt+Shift+Down`

Move block

- One block Up/Down: `Cmd+Shift+Up` / `Alt+Shift+Down`

Select code blocks

- Extend selection: `Alt+Up` one or more times
- Shrink selection: `Alt+Down`

Navigate to

- Declaration: `Cmd+B` or `Cmd` + click on name
- Parent: `Cmd+U`
- Line: `Cmd+L`

Misc

- Auto completion: `Ctrl+Space`
- Parameter info: `Cmd+P`
- Toggle case of current word: `Alt+Shift+U`

Clipboard Stack

- `Cmd+Shift+V`

Find Usages

- `Alt+F7`

Optimize Imports

- `Cmd+Shift+A` + search for "Optimize imports" => `Ctrl+Alt+O` ; alphabetic order, no blank lines, remove unused

Local history

- Right click on file: `File > Local History`

Splits

- Vertically: `Ctrl+V`
- Horizontally: `Ctrl+H` :
- Close active tab: `Cmd+W`
- Move between splits: `Alt+Tab` , `Alt+Shift+Tab`

Copy file paths

- Copy dir/file name: `Cmd+C`
- Copy dir/file path: `Cmd+Shift+C` (even inline from file)
- Copy dir/file path/reference in project: `Cmd+Alt+Shift+C` (even inline from file; w/ line number)
- Copy Fully Qualified Class Name: do `Cmd+Alt+Shift+C` on class name

Code Generation

- Generate Code: `Cmd+N` (context sensitive)
- Surround with: `Cmd+Alt+T` , e.g. `if/try catch`
- Missing use statement: `Alt+Enter` (Quick fix), e.g. `new Yaml()` from copy/past
- Generate class members for constructor arguments: On constructor argument press `Alt+Return`

Multiple cursors/selections

- Setup multiple cursors at custom location: `Alt+Click`
- Create multiple cursors: `Ctrl+G` multiple time
- Select all at once: `Ctrl+Cmd+G`

Example: Showcase a concrete value for a variable in an algorithm

Plugins

Symfony2 plugin

- Activate per project in `Settings > Plugins` => Checkbox *Plugin Enabled*
- Auto completion for everything with `Ctrl+Space`
 - Twig: funcs, tags, object props, macros, extensions, blocks, view names in includes, ..
- Generate services
- Doctrine objects completion

- Config files auto completion, e.g. security.yml, config (swiftmailer)
- *Go to in*
 - services files (FQCN, services IDs)
 - from class names to service definition (!)
 - Twig: with views and extends
 - go to controller via route
 - go to from controller
- Generate services, auto completion for services (e.g. tag names)
- Profiler in Status Bar
- Doctrine Query Builder: e.g. completion in repository: prop names, parameter names, joins form builder auto completion
- Parameters: `%+Tab`
- translations: example...get "translator service", then get trans ID
- PHPTypes annotations
- Vagrant? Setting `app/cache/dev/translations&appDevUrlGenerator`, and e.g. Profiler?

PHP Annotations

- Autocompletion for annotations AND params! => `Ctrl+Space` ... e.g. for doctrine

Lot more stuff

Version control, Database, Composer, Deployment, SSH servers, Live sync, REST client etc.

=> I don't use it, prefer dedicated tools or the comand line respectively; up-to-you. Brings overhead, issues

Fun

- `File > Export to HTML` => Exports PHP Source to HTML keeping the code style
- `Help > Productivity Guide`
- `File > Invalidate Caches / Restart`, if something crazy is going on