
NERDERY®

Maximum PhpStorm

There's levels to this

1: Discovery

2: Time / Frustration savers

3: Digital Detective work

4: Adapt the tool to you

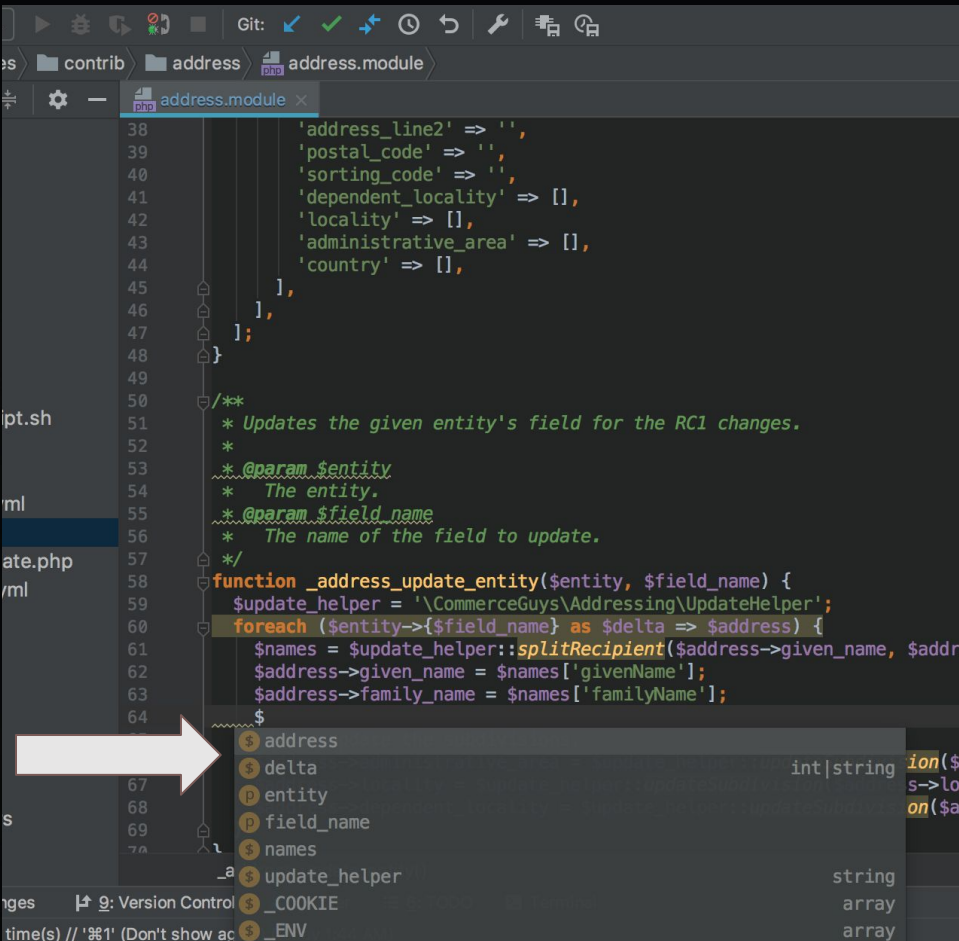


Discovering your code

* Your map in this dungeon
of code.

PhpStorm indexes all of your code to learn as much as about your code as it can.

Being able to quickly access the right code at the right time protects a developer's sanity and helps them fully understand how code can inter-relate. This is an essential skill for all developers.

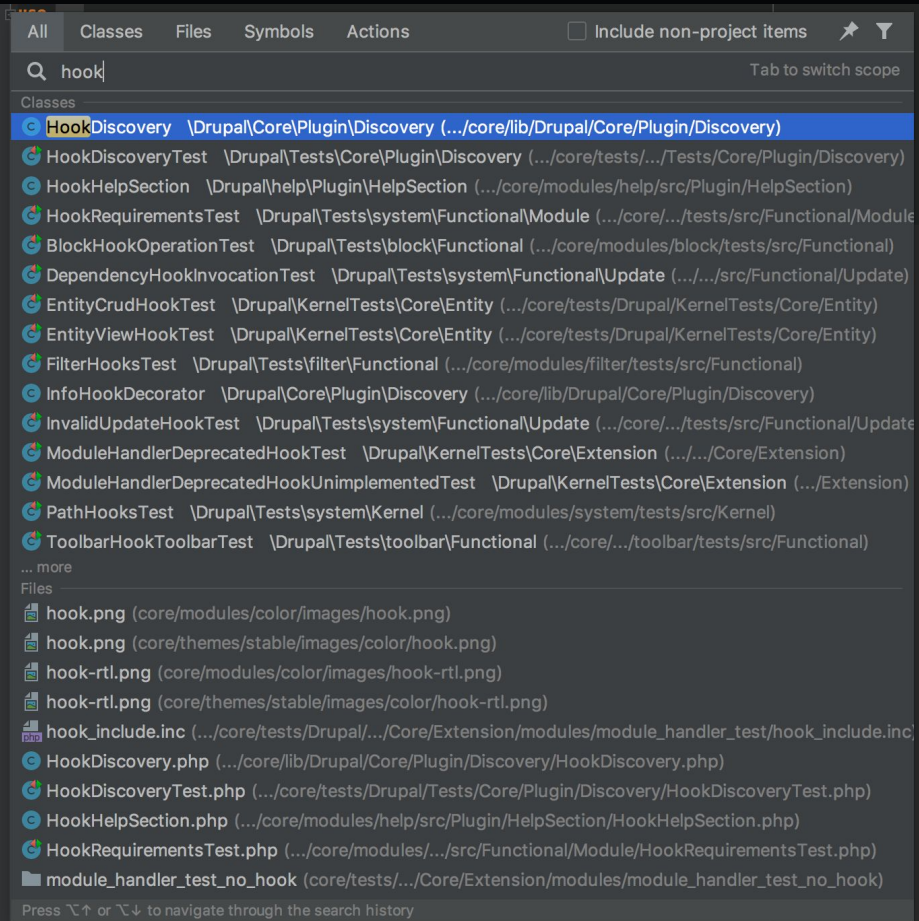


The screenshot shows a code editor with a PHP file named `address.module`. The code defines a function `address_update_entity` that iterates over an entity's fields and updates them. A white arrow points to the `$address` variable in the `foreach` loop. An Intellisense popup menu is visible, listing variables and their types: `$address` (string), `$delta` (string), `$entity` (object), `$field_name` (string), `$names` (array), and `$update_helper` (string). The popup also shows some environment variables like `$_COOKIE` and `$_ENV`.

```
38     'address_line2' => '',
39     'postal_code' => '',
40     'sorting_code' => '',
41     'dependent_locality' => [],
42     'locality' => [],
43     'administrative_area' => [],
44     'country' => [],
45 ],
46 ],
47 ];
48 }
49
50 /**
51  * Updates the given entity's field for the RCI changes.
52  *
53  * @param $entity
54  *   The entity.
55  * @param $field_name
56  *   The name of the field to update.
57  */
58 function address_update_entity($entity, $field_name) {
59     $update_helper = '\CommerceGuys\Addressing\UpdateHelper';
60     foreach ($entity->{$field_name} as $delta => $address) {
61         $names = $update_helper::splitRecipient($address->given_name, $address->family_name);
62         $address->given_name = $names['givenName'];
63         $address->family_name = $names['familyName'];
64     }
65 }
66
67
68
69
70
```

A common denominator of good tools

Intellisense





The screenshot shows an IDE search interface with the following elements:

- Search bar: Contains the text "hook".
- Navigation tabs: "All", "Classes", "Files", "Symbols", "Actions".
- Filter: "Include non-project items" (unchecked).
- Search scope: "Tab to switch scope".
- Results list: Divided into "Classes" and "Files".
- Classes section: Lists various classes, with "HookDiscovery" selected. Other classes include HookDiscoveryTest, HookHelpSection, HookRequirementsTest, BlockHookOperationTest, DependencyHookInvocationTest, EntityCrudHookTest, EntityViewHookTest, FilterHooksTest, InfoHookDecorator, InvalidUpdateHookTest, ModuleHandlerDeprecatedHookTest, ModuleHandlerDeprecatedHookUnimplementedTest, PathHooksTest, and ToolbarHookToolbarTest.
- Files section: Lists files like hook.png, hook-rtl.png, hook_include.inc, HookDiscovery.php, HookDiscoveryTest.php, HookHelpSection.php, HookRequirementsTest.php, and module_handler_test_no_hook.
- Footer: "Press ⌘↑ or ⌘↓ to navigate through the search history".

The legendary...

SHIFT + SHIFT

Find anything, anywhere

All Classes Files Symbols Actions Include non-project items  



hook| Tab to switch scope

Classes

- HookDiscovery** \Drupal\Core\Plugin\Discovery (.../core/lib/Drupal/Core/Plugin/Discovery)
- HookDiscoveryTest \Drupal\Tests\Core\Plugin\Discovery (.../core/tests/.../Tests/Core/Plugin/Discovery)
- HookHelpSection \Drupal\help\Plugin\HelpSection (.../core/modules/help/src/Plugin/HelpSection)
- HookRequirementsTest \Drupal\Tests\system\Functional\Module (.../core/.../tests/src/Functional/Module)
- BlockHookOperationTest \Drupal\Tests\block\Functional (.../core/modules/block/tests/src/Functional)
- DependencyHookInvocationTest \Drupal\Tests\system\Functional\Update (.../.../src/Functional/Update)
- EntityCrudHookTest \Drupal\KernelTests\Core\Entity (.../core/tests/Drupal/KernelTests/Core/Entity)
- EntityViewHookTest \Drupal\KernelTests\Core\Entity (.../core/tests/Drupal/KernelTests/Core/Entity)
- FilterHooksTest \Drupal\Tests\filter\Functional (.../core/modules/filter/tests/src/Functional)
- InfoHookDecorator \Drupal\Core\Plugin\Discovery (.../core/lib/Drupal/Core/Plugin/Discovery)
- InvalidUpdateHookTest \Drupal\Tests\system\Functional\Update (.../core/.../tests/src/Functional/Update)
- ModuleHandlerDeprecatedHookTest \Drupal\KernelTests\Core\Extension (.../.../Core/Extension)
- ModuleHandlerDeprecatedHookUnimplementedTest \Drupal\KernelTests\Core\Extension (.../Extension)
- PathHooksTest \Drupal\Tests\system\Kernel (.../core/modules/system/tests/src/Kernel)
- ToolbarHookToolbarTest \Drupal\Tests\toolbar\Functional (.../core/.../toolbar/tests/src/Functional)
- ... more

Files

- hook.png (core/modules/color/images/hook.png)
- hook.png (core/themes/stable/images/color/hook.png)
- hook-rtl.png (core/modules/color/images/hook-rtl.png)
- hook-rtl.png (core/themes/stable/images/color/hook-rtl.png)
- hook_include.inc (.../core/tests/Drupal/.../Core/Extension/modules/module_handler_test/hook_include.inc)
- HookDiscovery.php (.../core/lib/Drupal/Core/Plugin/Discovery/HookDiscovery.php)
- HookDiscoveryTest.php (.../core/tests/Drupal/Tests/Core/Plugin/Discovery/HookDiscoveryTest.php)
- HookHelpSection.php (.../core/modules/help/src/Plugin/HelpSection/HookHelpSection.php)
- HookRequirementsTest.php (.../core/modules/.../src/Functional/Module/HookRequirementsTest.php)
- module_handler_test_no_hook (core/tests/.../Core/Extension/modules/module_handler_test_no_hook)

Press  or  to navigate through the search history

If you know what type of thing it is...

Find Files




 + Shift + O



Ctrl + Shift + N

Find Class





 + O



Ctrl + N

Find Method



 +  + O



Ctrl + Shift + Alt + N

Parameter Hints



⌘+P

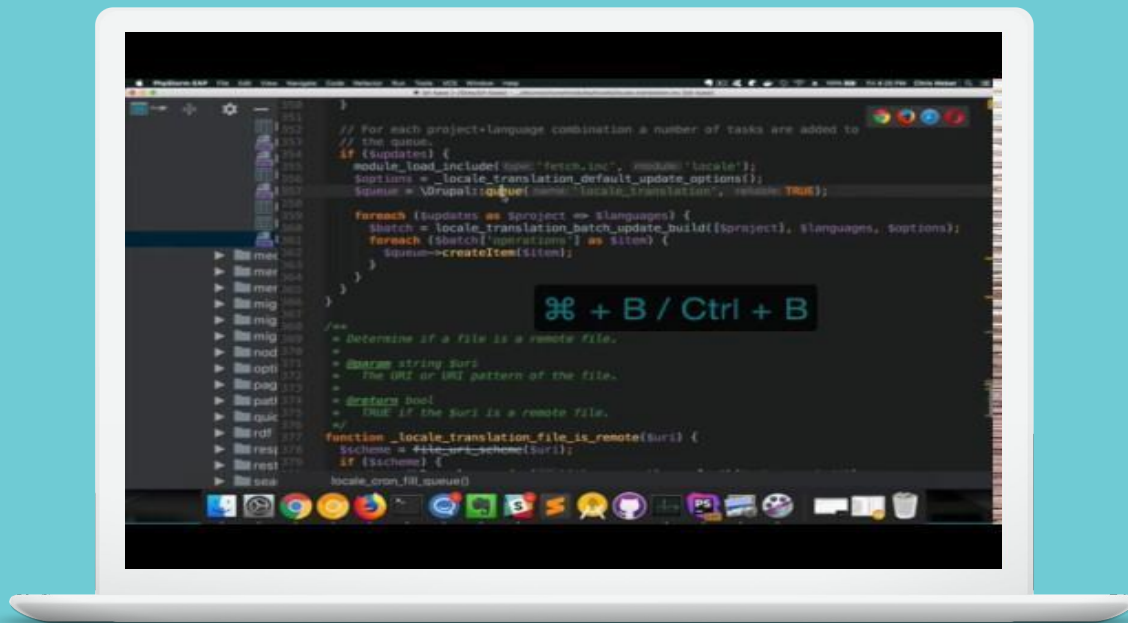
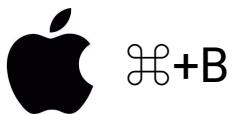


Ctrl+P

```
c}
tion checkAccess(EntityInterface $entity, $operation, AccountInterface
rat: account : \Drupal\Core\Session\AccountInterface, permission : string
':
ccessResult::allowedIfHasPermission($account, permission: 'access news
ccessResult::allowedIfHasPermission($account, permission: 'administer n
c}
```

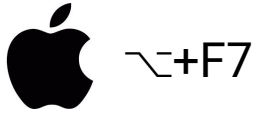

Go to Definition

Reveal all the secrets



Find Usages

Where is this causing problems?



Time / Frustration savers

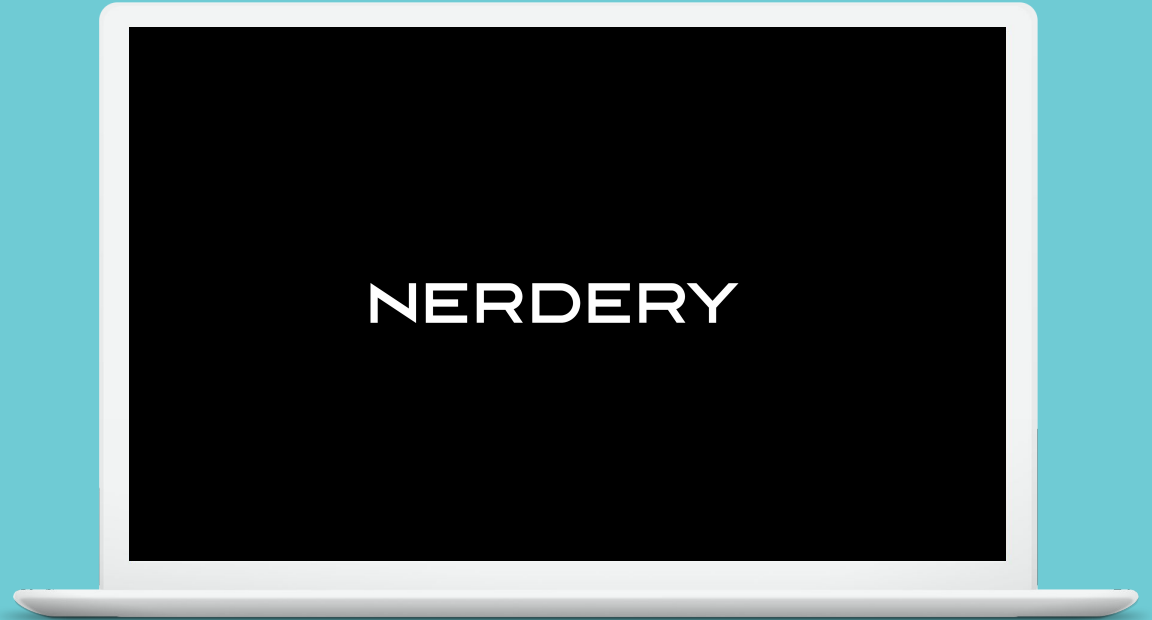
* Key to building your skills

Solving problems is inherently frustrating. Many things lead to restarts, new-directions, deep thinking.

It would be nice if your tool could help alleviate some of the frustration or at best allow you work smarter / faster and save effort.

Terminal

Get your command line in your IDE



Clean up code

Reformat Code

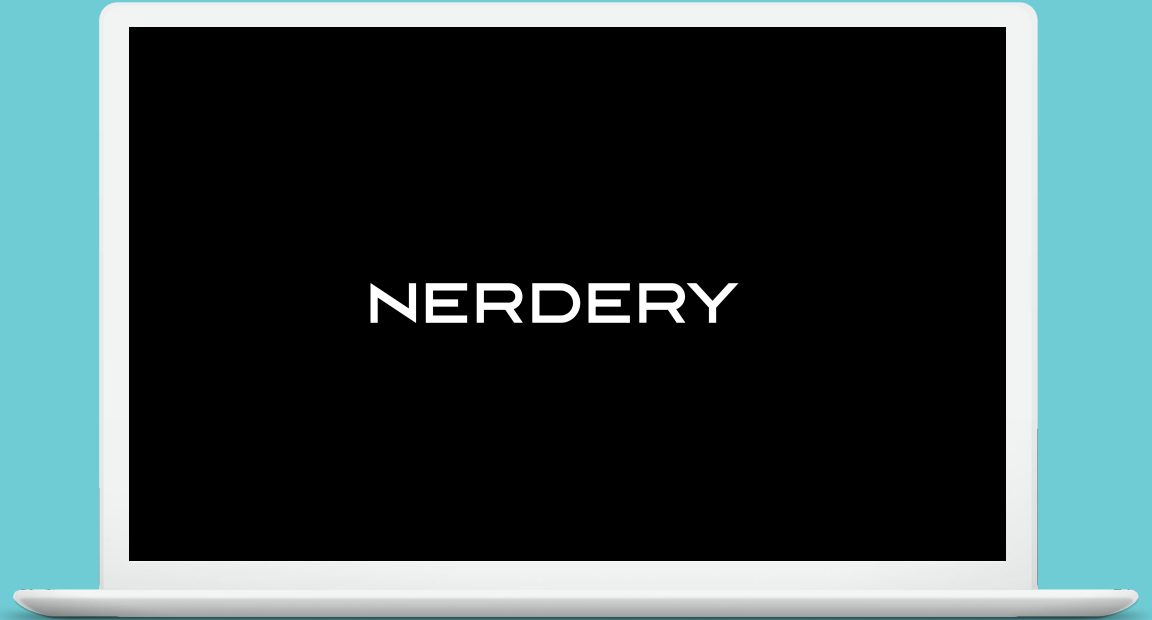
Simplifies Drupal development greatly



Shift+⌘+L



Ctrl+Alt+L



Clipboard History

Why doesn't everything have this?



Shift+⌘+V

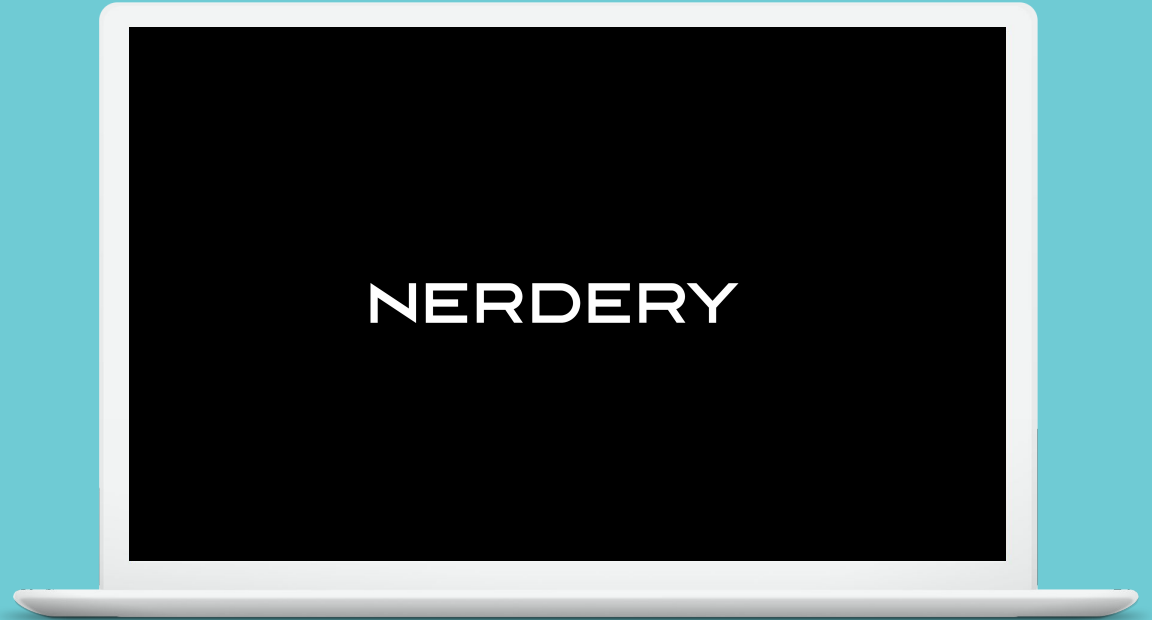
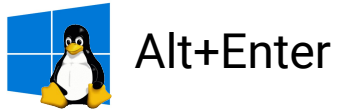
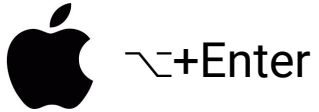


Ctrl+Shift+V

```
1 First line of text
2 Second line of text
3 Third line of text
```

Update Doc block

Helpful for when you add an argument



Scratch Pads

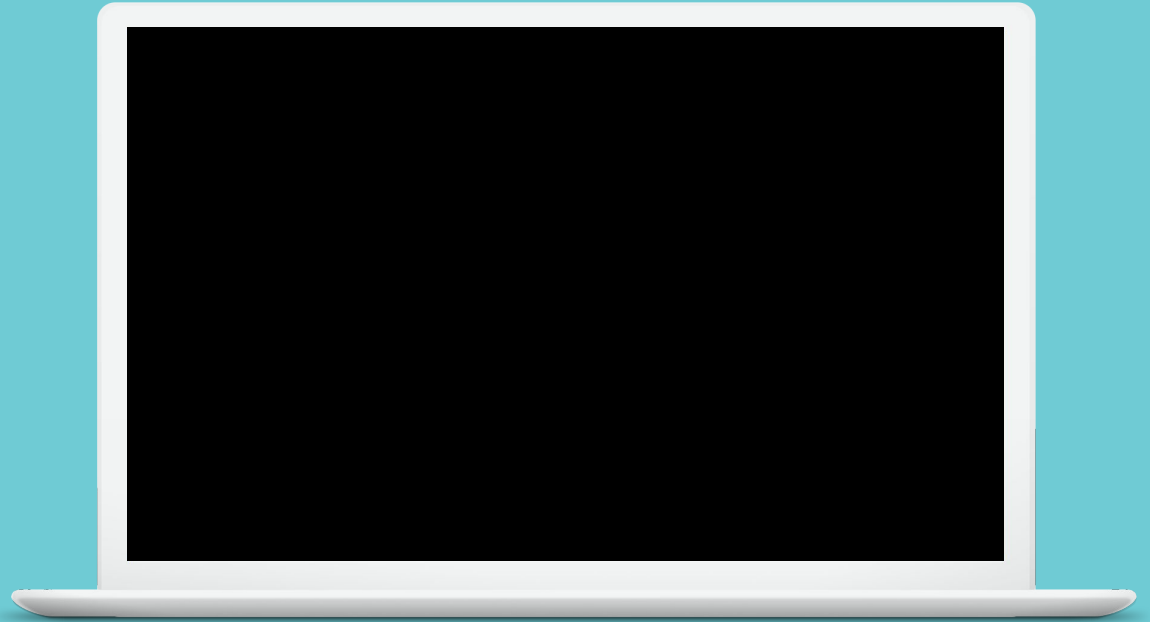
Good for temporary fixes



Shift+⌘+N



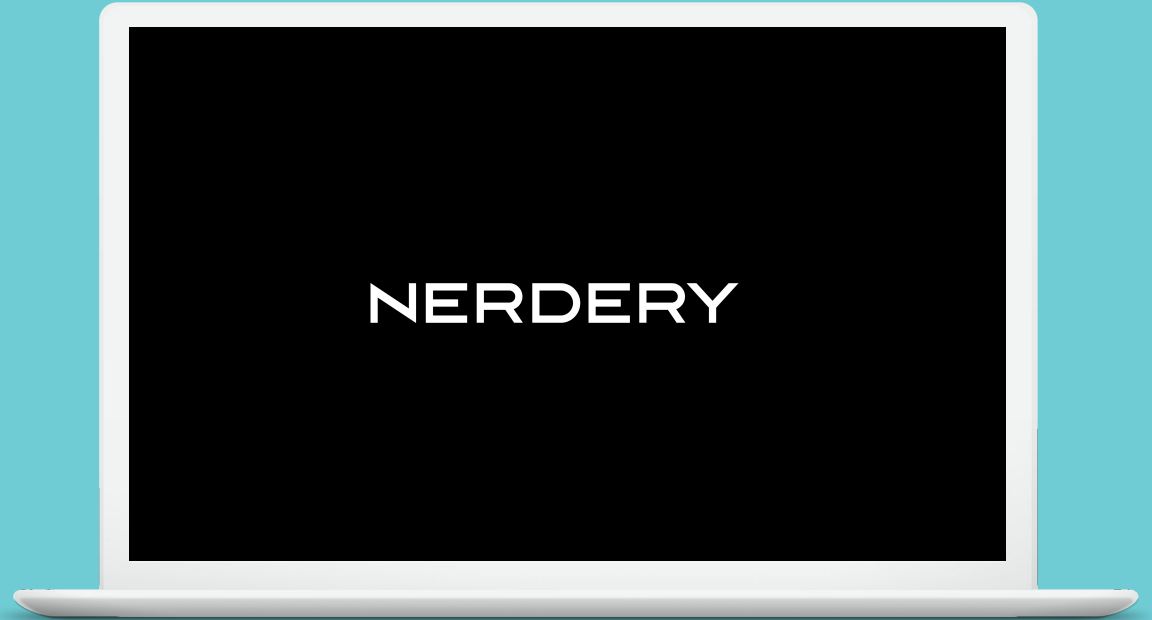
Ctrl+Shift+N

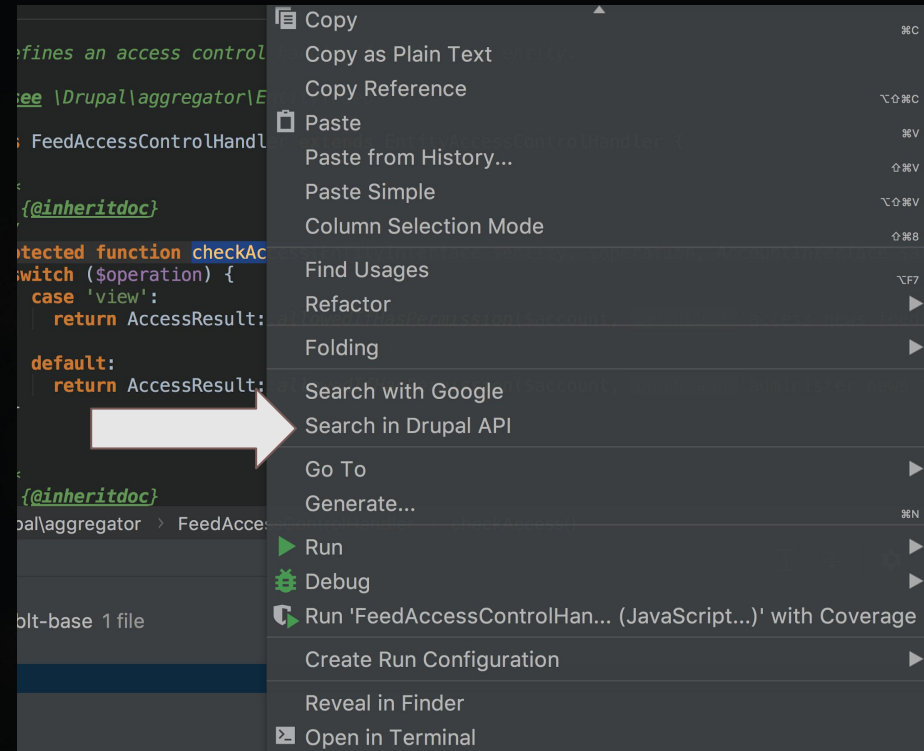


Complying with code standards

Drupal Extension

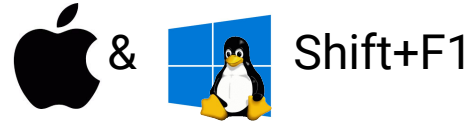
Simplifies Drupal development greatly





Search the web for answers...

Drupal API search



Passive scans

```
        $form['entity']['#default_value'] = $entity;
    }
}

$view_mode = isset($config['view_mode']) ? $config['view_mode'] : NULL;

$form['view_mode'] = [
    '#type' => 'select',
    '#title' => $this->t(string: 'View mode'),
    '#options' => $this->view_mode_options,
    '#default_value' => $view_mode,
];

return $form;
}

/**
 * {@inheritdoc}
 */
public function buildConfigurationForm(array $form, FormStateInterface $form_state) {
    $form = parent::buildConfigurationForm($form, $form_state);

    // Hide default block form fields that are undesired in this case.
```

File Health Check

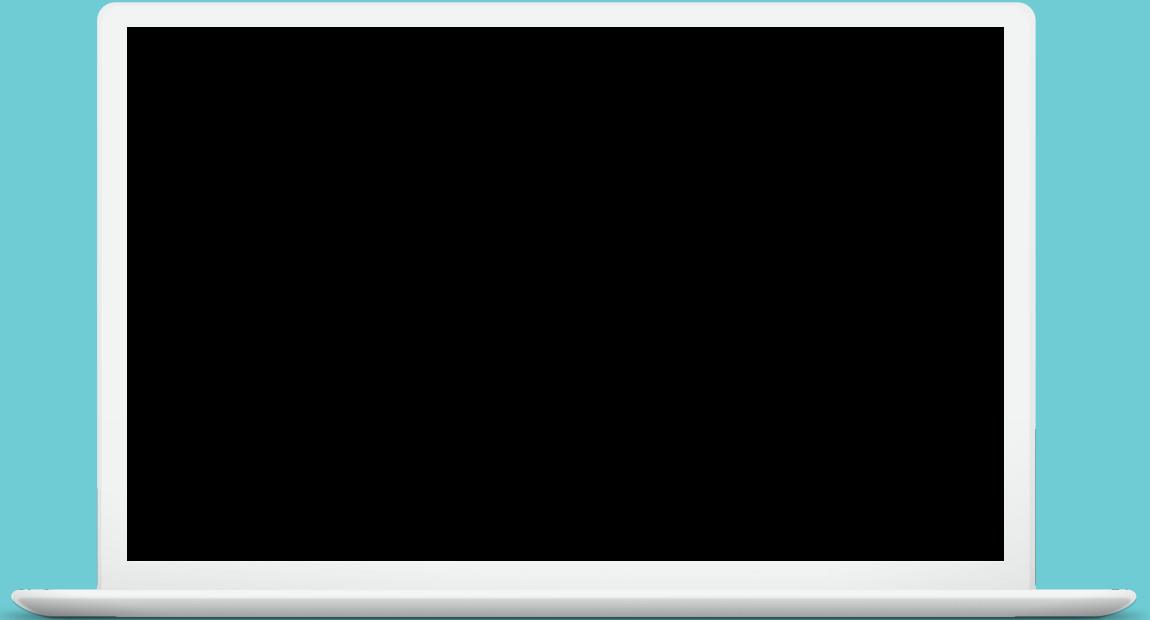
Great for pre-commit checks



Shift+⌘+I



Ctrl+Alt+I



Never have to leave PS again

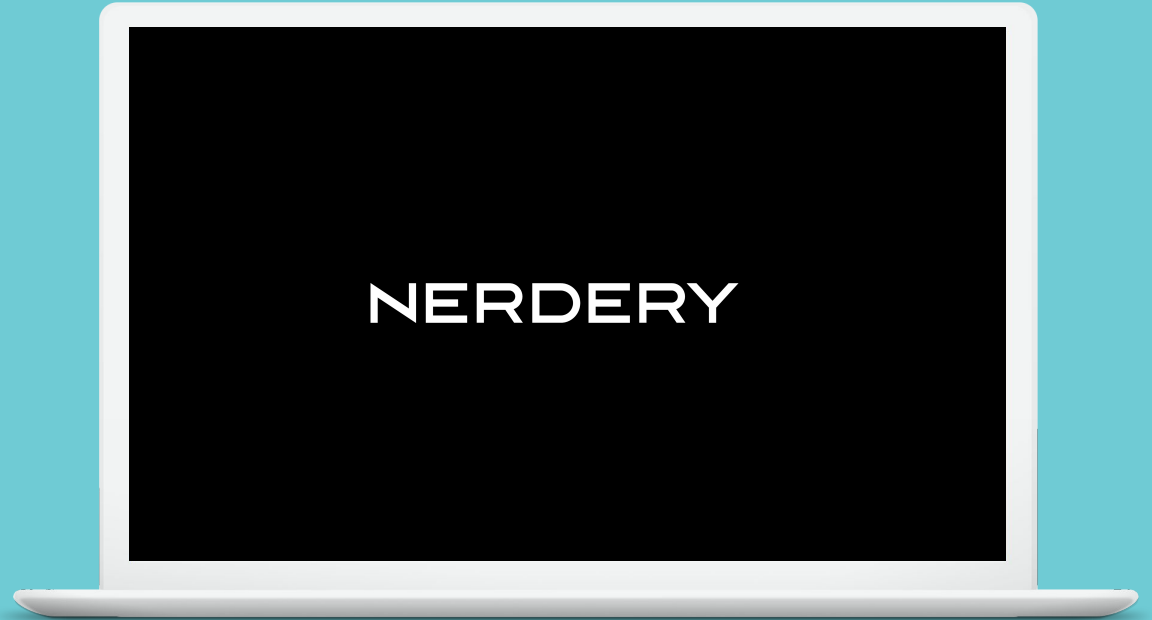
Git tools

Awesome frustration SAVER



Run your frontend build

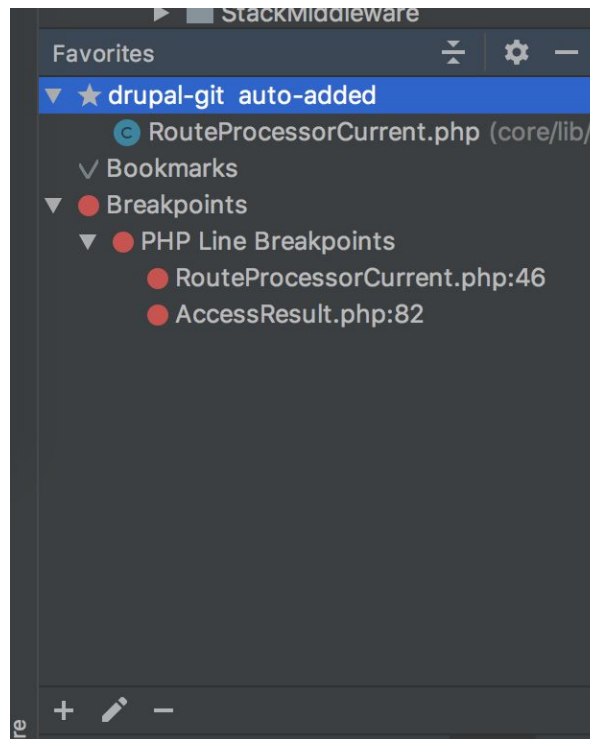
Get your command line in your IDE



Favorites panel

Why doesn't everything have this?

Let PhpStorm keep track of the templates / files that tend to be hard to remember / troublesome.



Digital detective work

* Leveraging the tool to solve
real problems

Now it's really time to level up. Use your knowledge of the tool to become a digital detective.

Gain access to the full context of what's going on with your code. Learn to jump forward and backward in time to get the full story.

Debugging with PhpStorm

Debugging with PhpStorm

Xdebug helper
offered by Wreap
★★★★★ (417) | [Developer Tools](#) | 220,482 users

ADDED TO CHROME

OVERVIEW | REVIEWS | SUPPORT | RELATED

Compatible with your device

Easy debugging, profiling and tracing extension for Xdebug

A must have for everyone that's debugging, profiling and tracing PHP code with Xdebug. This extension will help you to enable/disable debugging, profiling and tracing easily, instead of juggling around with POST/GET variables or cookies.

This extension is very useful for PHP developers that are using PHP tools with Xdebug support like PhpStorm, Eclipse with PDT, Netbeans and MacGDBp or any other Xdebug compatible profiling tool like WinCacheGrind or WebGrind.

Website
Report Abuse

Additional Information
Version: 1.6.1
Updated: October 24, 2016
Size: 69.33KiB
Language: English

RELATED

- Pix to pix (Pixel perfect by Ymatuhin) ★★★★★ (19)
- NetBeans IDE Support ★★★★★ (695)
- PHP Console ★★★★★ (388)
- Xdebug Output Toggler ★★★★★ (5)

The screenshot shows a browser window with a menu overlay containing 'Debug', 'Profile', 'Trace', and 'Disable' options. The 'Disable' option is highlighted with a green checkmark.

Firefox Add-ons | Explore | Extensions | Themes | More... | Find add-ons

Developer Hub | Download Firefox | Register or Log In

12,085 Users | 18 Ratings | Overall Rating

Xdebug Helper for Firefox

by [BrianGilbert](#)

This extension is very useful for PHP developers that are using PHP tools with Xdebug support like PhpStorm, Eclipse with PDT, Netbeans and MacGDBp or any other Xdebug compatible profiling tool like KCacheGrind, WinCacheGrind or WebGrind.

Only with Firefox—Get Firefox Now

Rate your experience

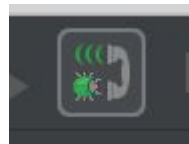
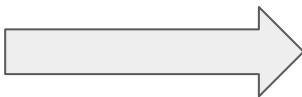
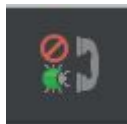
How are you enjoying your experience with Xdebug Helper for Firefox?

Log in to rate this extension

Report this add-on for abuse

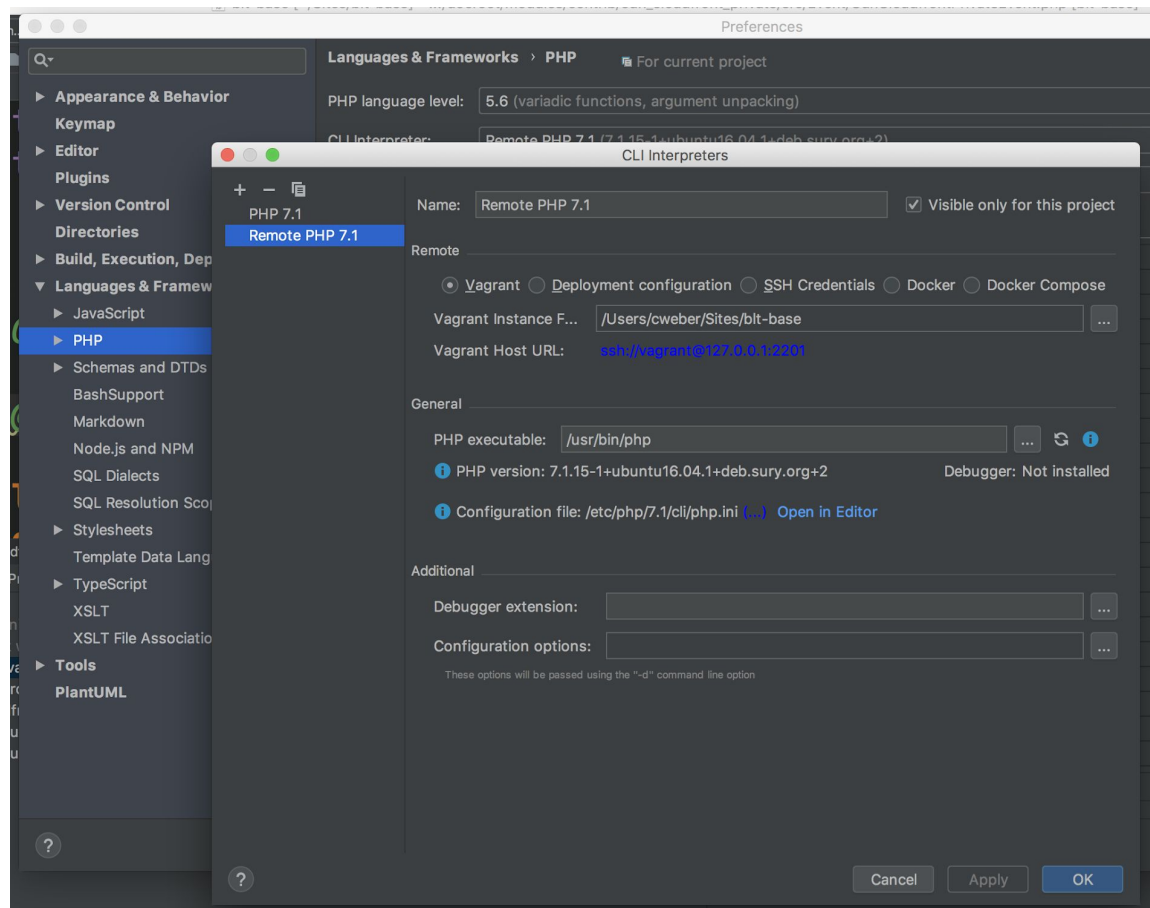
Screenshots

The screenshot shows a browser window with a menu overlay containing 'Debug', 'Profile', 'Trace', and 'Disable' options. The 'Disable' option is highlighted with a green checkmark.



Debugger tips and tricks

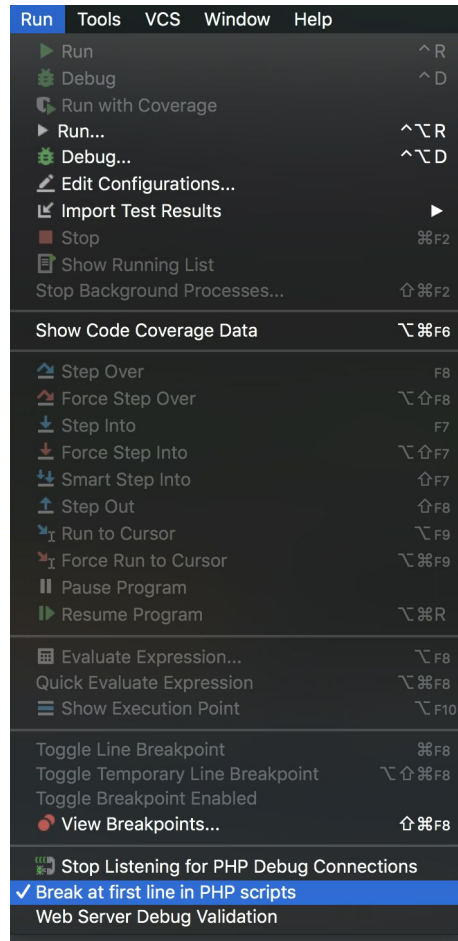
Does PhpStorm
know how to talk to
your debugger?



Debugger tips and tricks

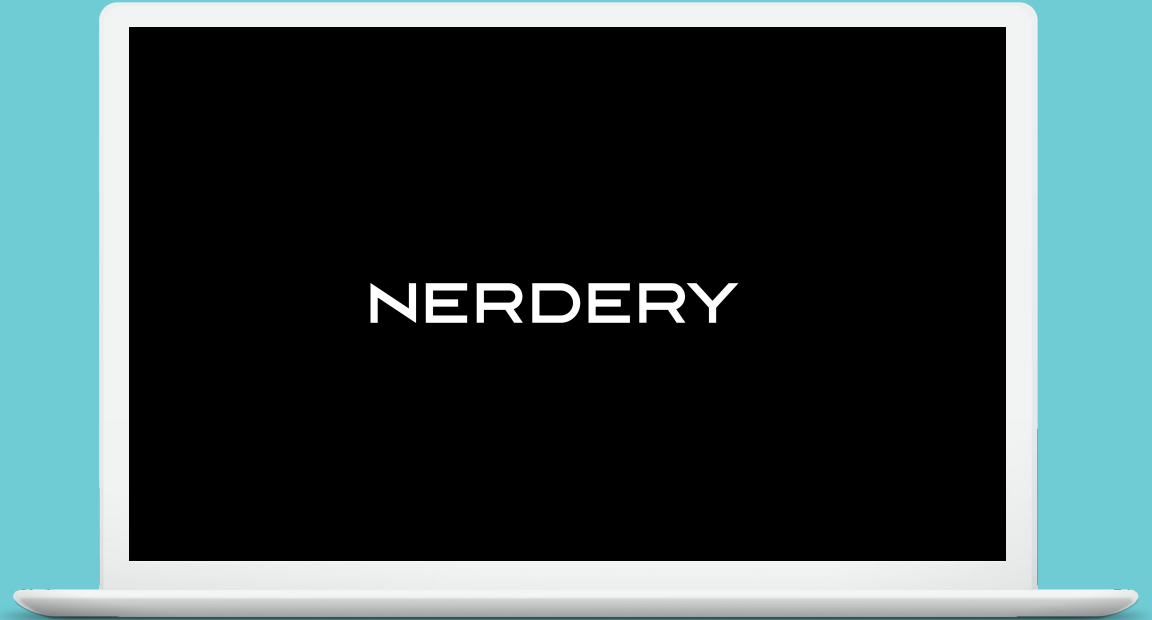
If can talk to your
debugger, break on
first line.

Run > Break at first
line in PHP scripts.



Debugger time

Let's run through common pitfalls

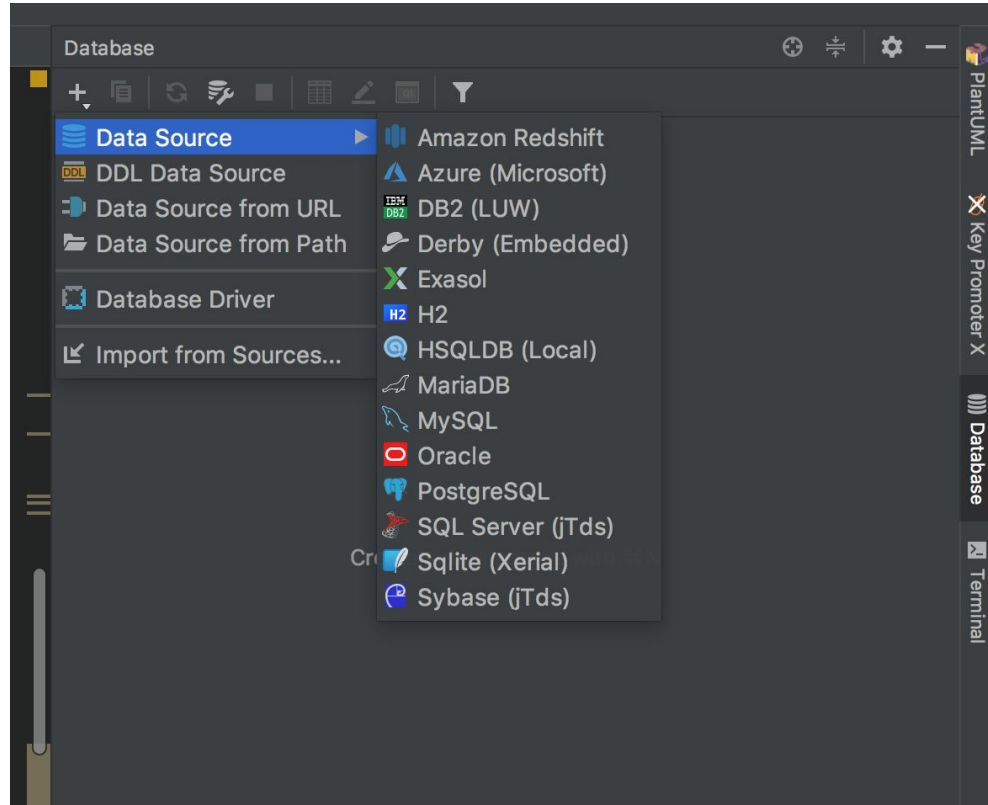


Interrogate the data

Database Console

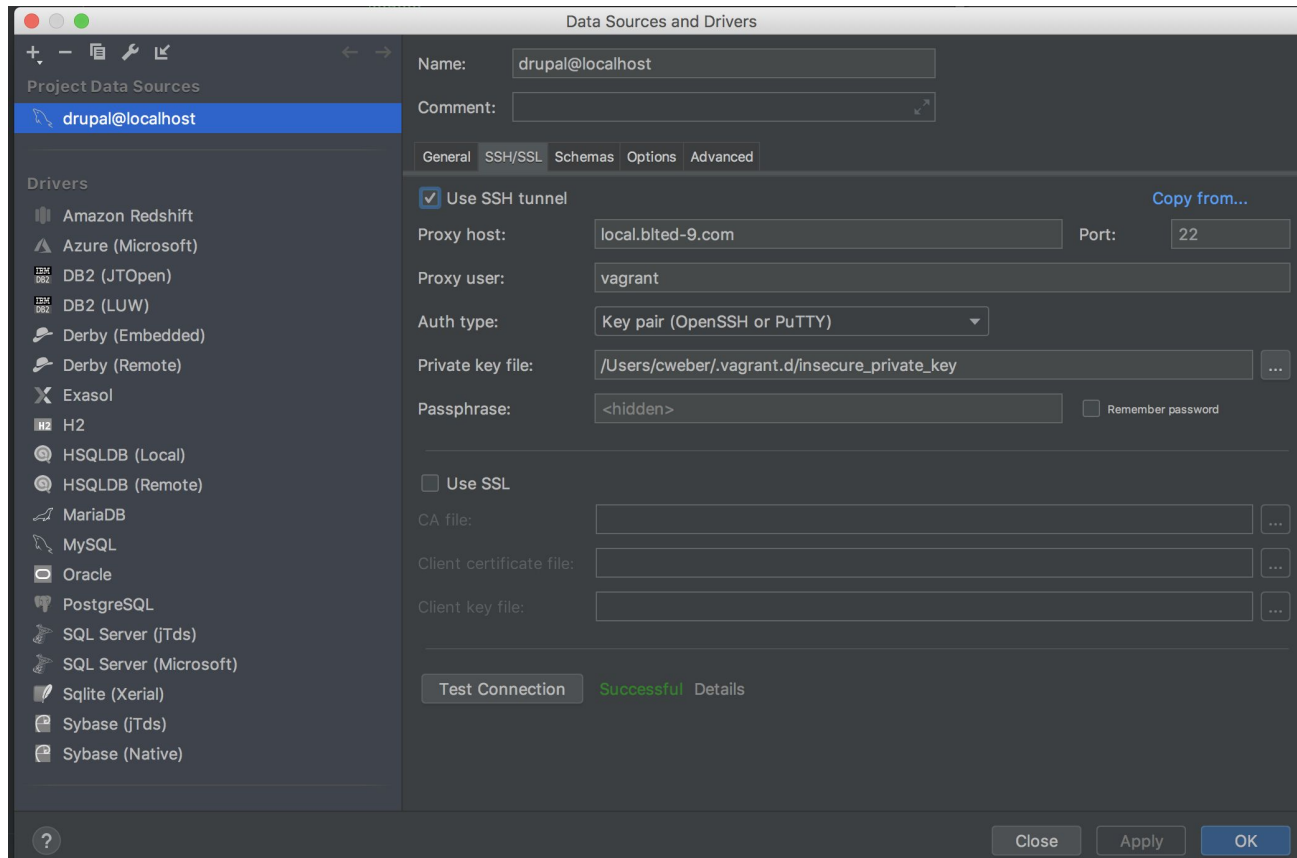
Find the truth, the whole truth

Connect to you DB to query directly.



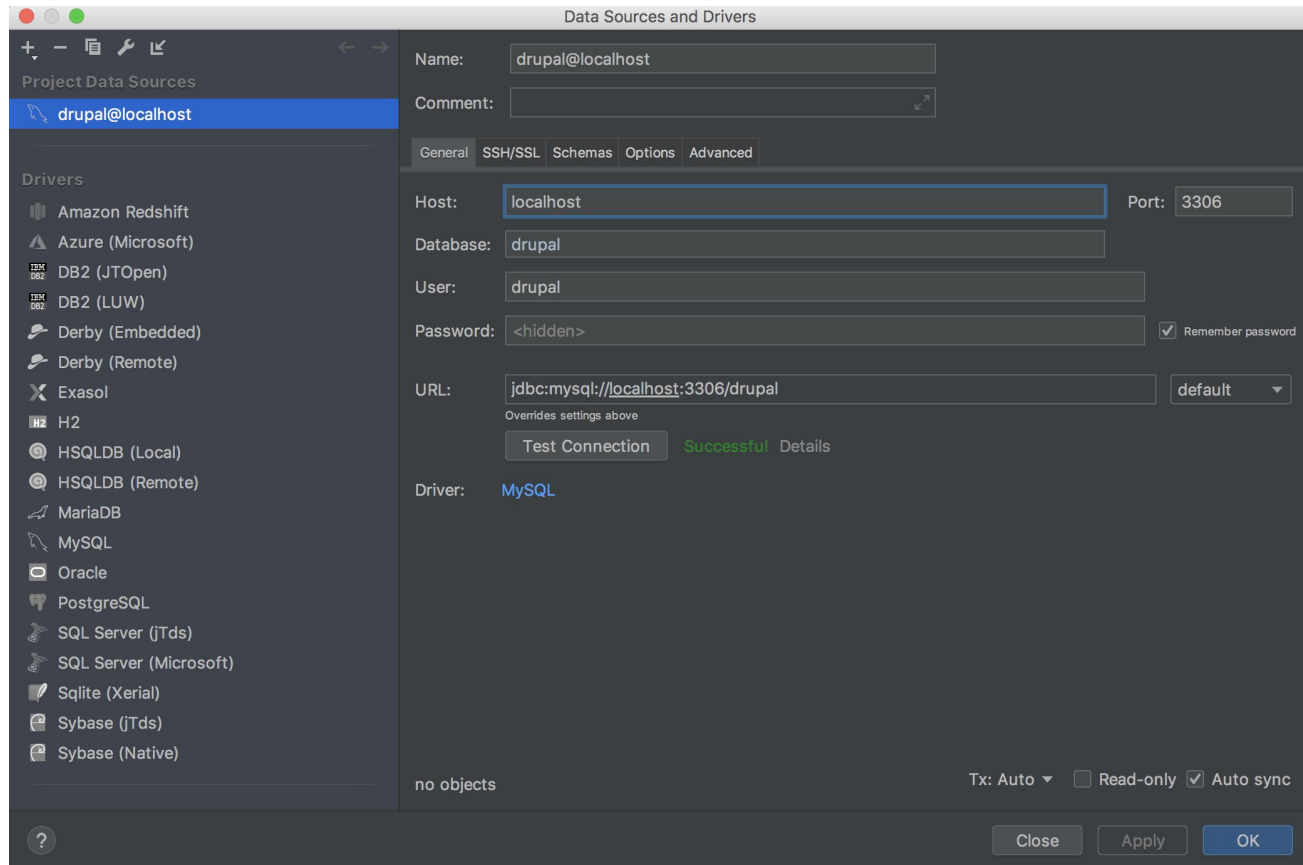
Database Console

Connect to your
VM / Docker
instance's DB



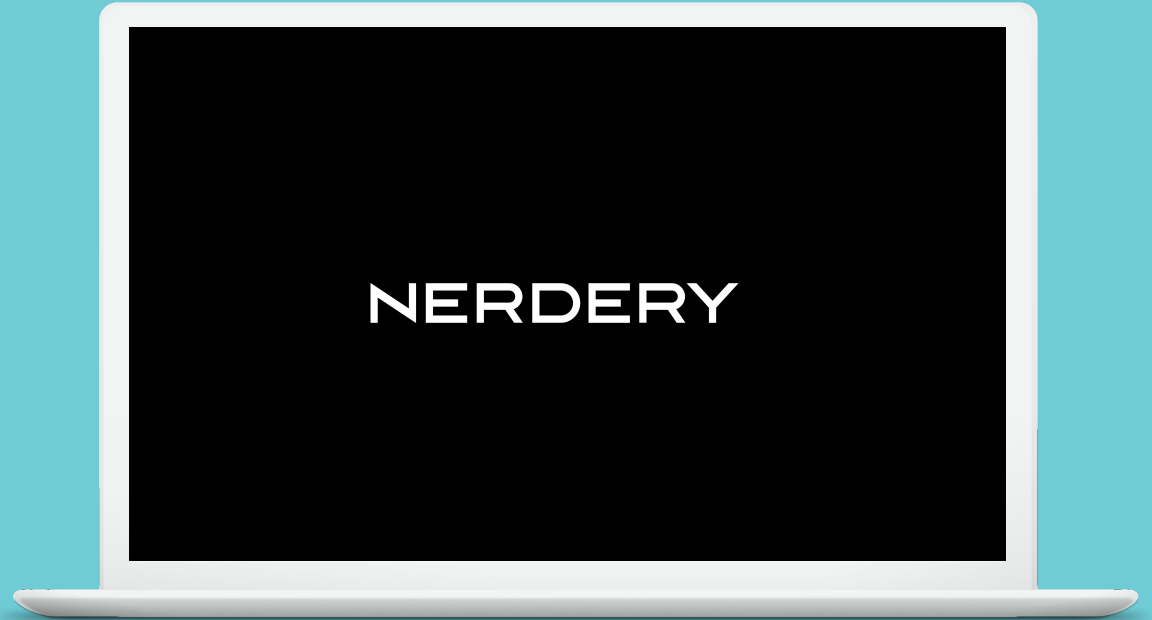
Database Console

Connect to your
VM / Docker
instance's DB



Database Console

It pays off!



**Let's put it all
together**

Adapt the tool to you

* Instead of adapting your work habits to the tool.

What's beyond being able to know everything about your code, optimizing how PhpStorm wants to be used, and becoming a digital detective?

Making PhpStorm adapt to you by telling it how you like to work.

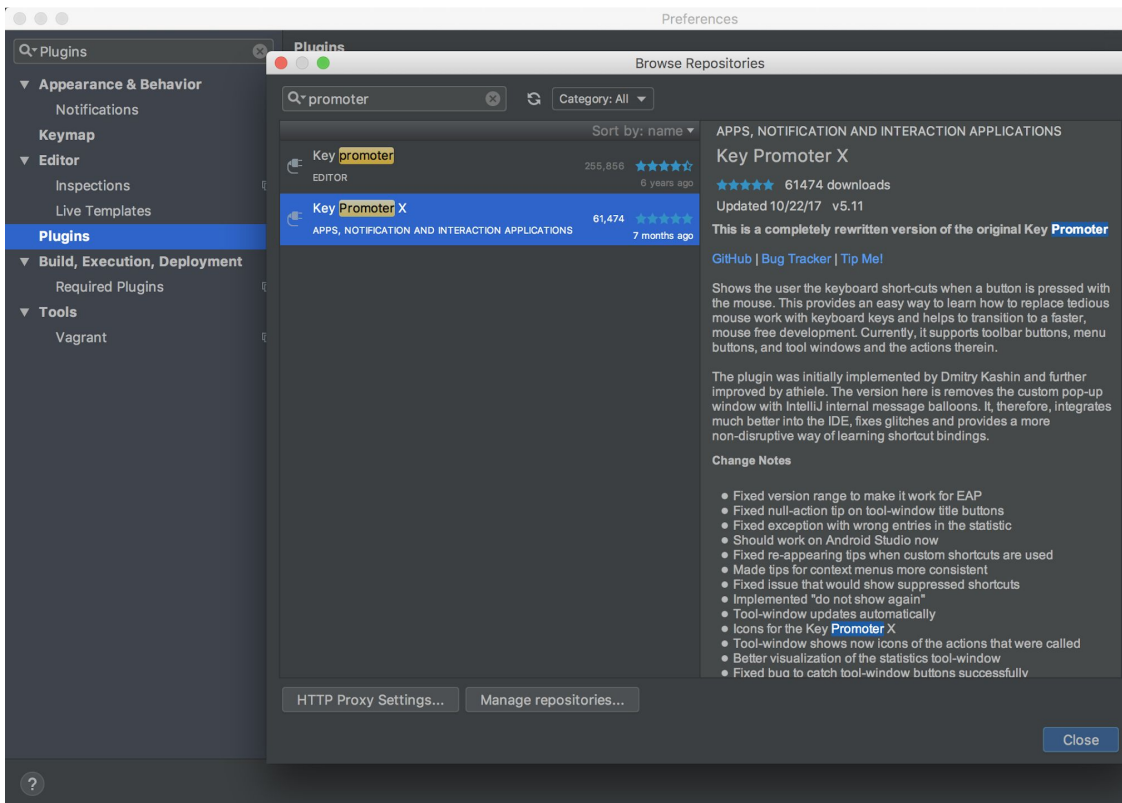
Keymap

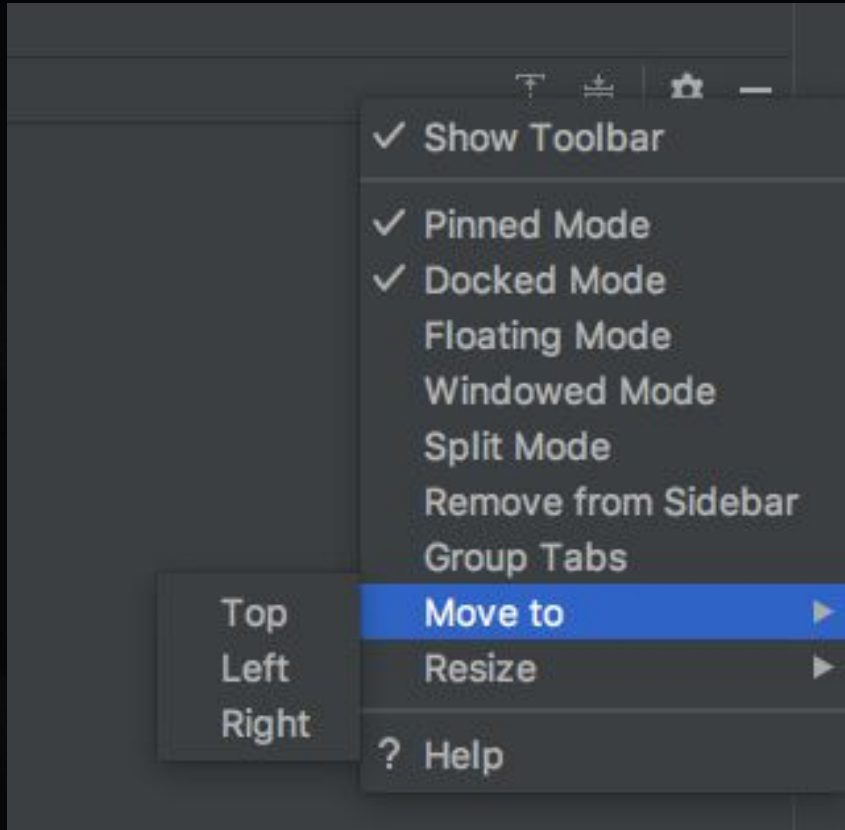
Teach it new keyboard shortcuts



Key Promoter

The most annoyingly help plugin ever





Split windows / move panels

Rearrange Windows

Additional resources

Keymap Shortcut cheat sheet: Help > Keymap Reference

PhpStorm Blog : <https://blog.jetbrains.com/phpstorm/>

Jetbrains Toolbox: <https://www.jetbrains.com/toolbox/>

Early Access Program: <https://www.jetbrains.com/phpstorm/eap/>

Q & A