

Инструменты Drupal разработчика

Краткий обзор

DrupalCafé



Цели

- Экономить время
- Меньше нервничать
- Промышленный коддинг в команде

"Некоторые школы предпочитают **сверхдлинные мечи**. Это *слабые* школы.

Они не принимают принципа "*рубить врага любыми средствами*". Они предпочитают особо длинный меч."

Миямото Мусаси. Книга Пяти Колец

В чем писать код?

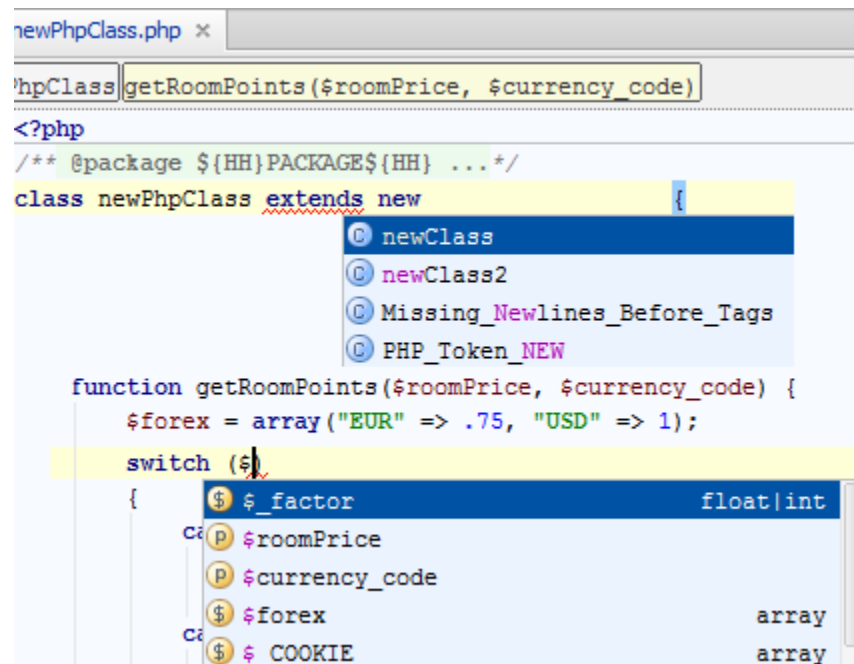
Хороший редактор

- Быстрый
- Раширяемый
- Тот, что *работает* для вас

PhpStorm



Умный автокомплит



The screenshot shows a code editor window titled 'newPhpClass.php'. The code is a PHP class named 'newPhpClass' that extends 'new'. The 'extends' keyword is highlighted, and a dropdown menu shows suggestions: 'newClass', 'newClass2', 'Missing_Newlines_Before_Tags', and 'PHP_Token_NEW'. Below this, the 'function getRoomPoints(\$roomPrice, \$currency_code)' is defined. Inside the function, there is a switch statement on '\$'. The 'switch (\$' line is highlighted, and a dropdown menu shows suggestions: '\$_factor' (with type 'float|int'), '\$roomPrice' (with type 'float'), '\$currency_code' (with type 'string'), '\$forex' (with type 'array'), and '\$COOKIE' (with type 'array').

```
newPhpClass.php x
newPhpClass getRoomPoints($roomPrice, $currency_code)
<?php
/** @package ${HH}PACKAGE${HH} ... */
class newPhpClass extends new {
    function getRoomPoints($roomPrice, $currency_code) {
        $forex = array("EUR" => .75, "USD" => 1);
        switch ($) {
            { $_factor float|int
            $roomPrice float
            $currency_code string
            $forex array
            $COOKIE array
```

Автогенерация кода

extract_function_refactoring.php ×

body

```
function multiplication($item1, $item2){
```

eco 'echo' statement
fore foreach(iterable_expr as \$value) {...}
forek foreach(iterable_expr as \$key => \$value) {...}
inc 'include' statement
inco 'include_once' statement
prif private function
prisf private static function
prof protected function
prosf protected static function
pubf public function
pubsf public static function

<body>
Hello world!

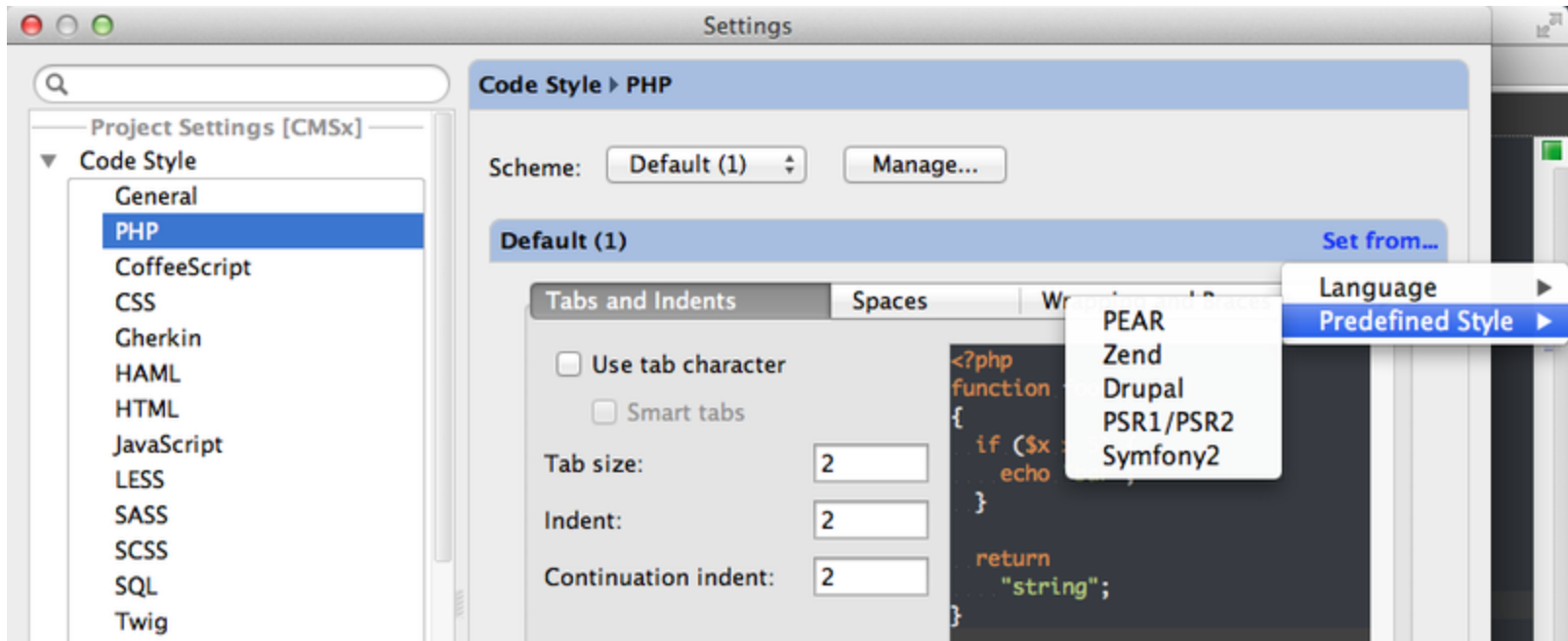
Select Template

- T2. Surround with <tag></tag> in HTML/JSP
- CD. Surround with CDATA section
- XML Zen Coding

```
choice = models.CharField(max_  
votes = models.IntegerField()  
calls = Calls.external_call()  
self):
```

Create class 'Calls'

Встроенный Drupal code style



Advanced code inspector

extract_method_refactoring.php x

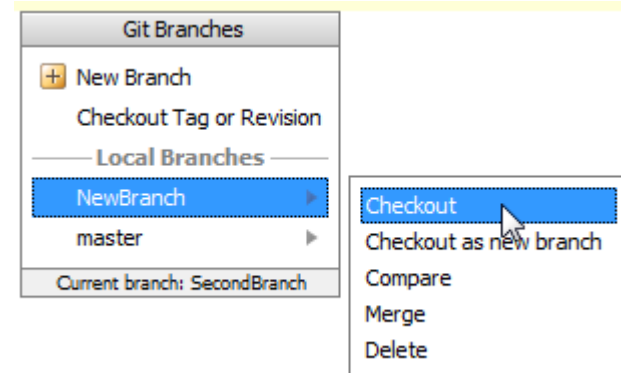
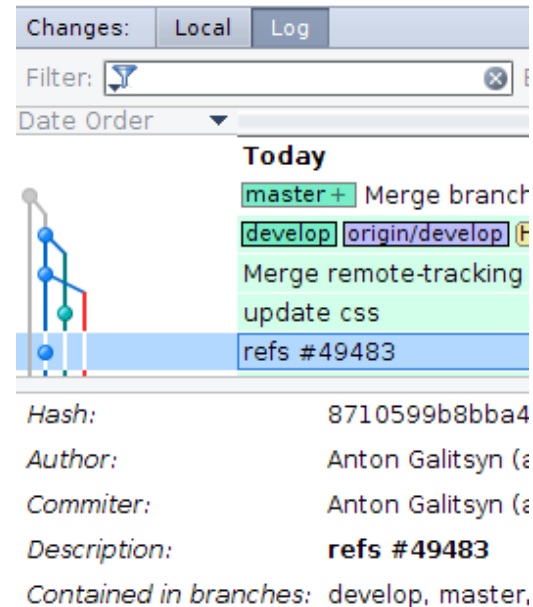
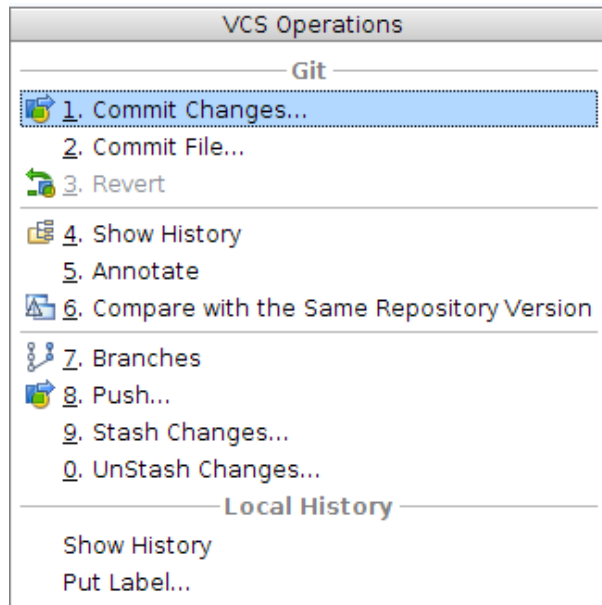
```
case "USD" :  
    $_factor = 1;  
    break;  
case "EUR" :  
    $_factor = 1 / $forex[];  
    break;  
default :  
    $_factor = 1;  
    break;  
}  
return $roomPrice * $_factor;  
}
```

Cannot use [] for reading

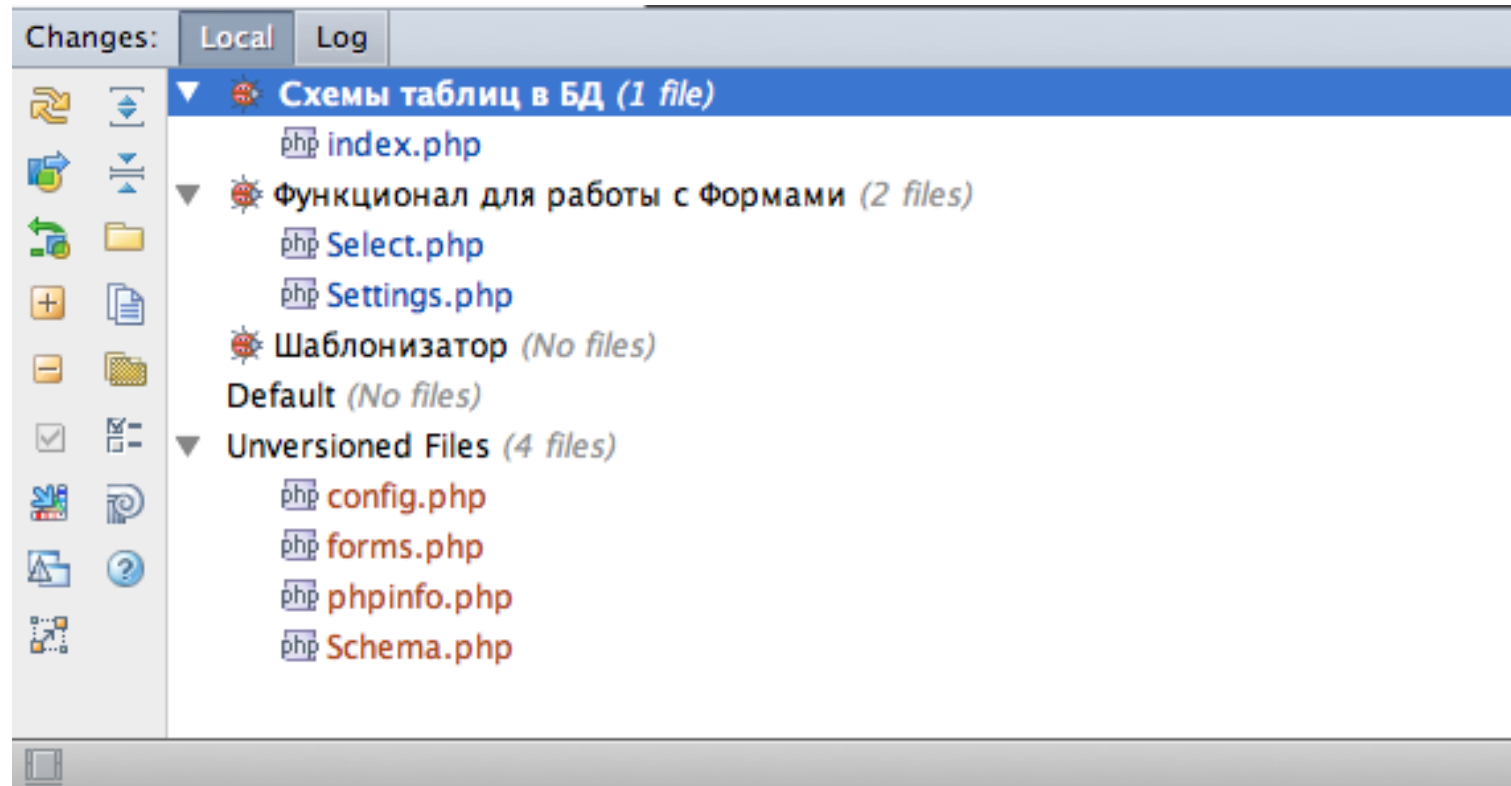
```
$userservice->createNewUser(  
    $user->firstname,  
    $user->lastname,  
    $user->email,  
    $user->password,  
    $user->gender,  
    $user->department,  
    $user->department,
```

Member has protected access

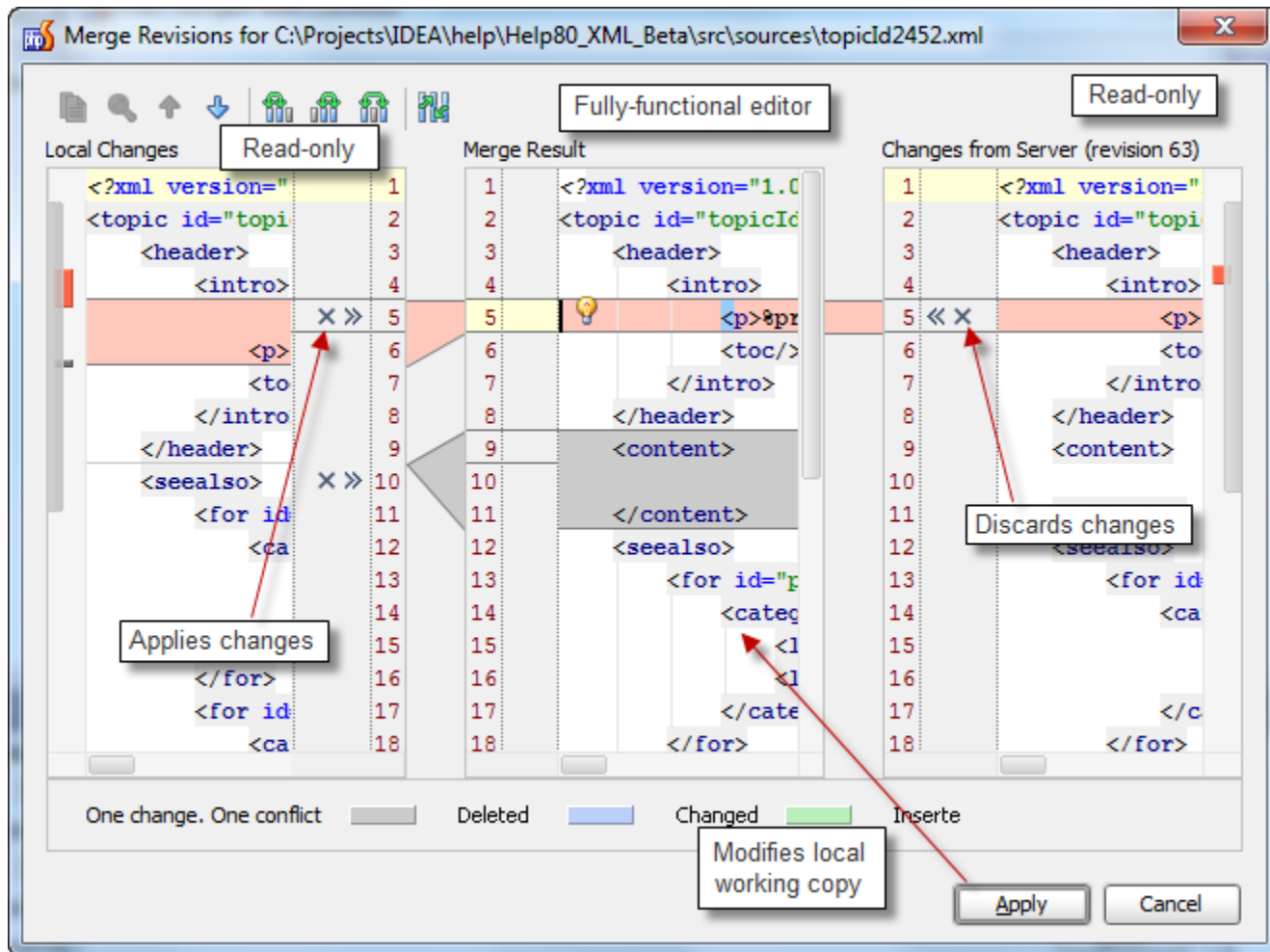
Интеграция с GIT



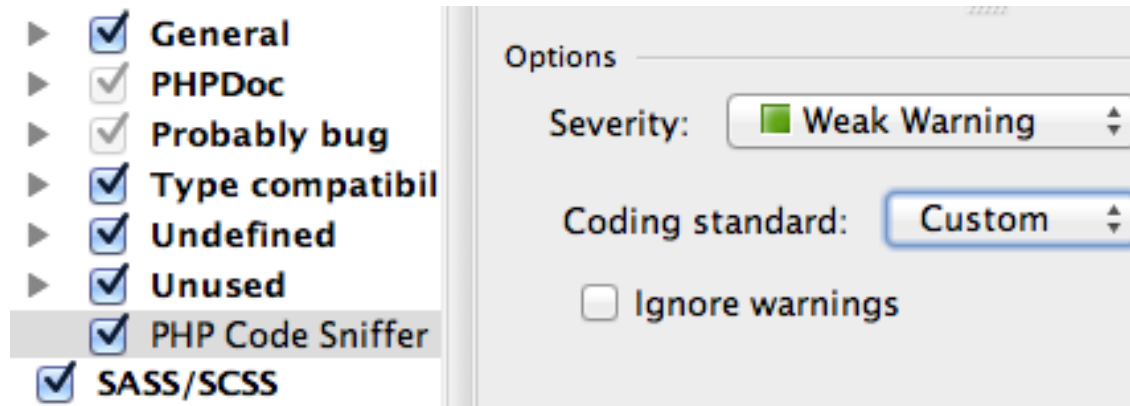
Changes list



3 way merge























PHP Code Sniffer

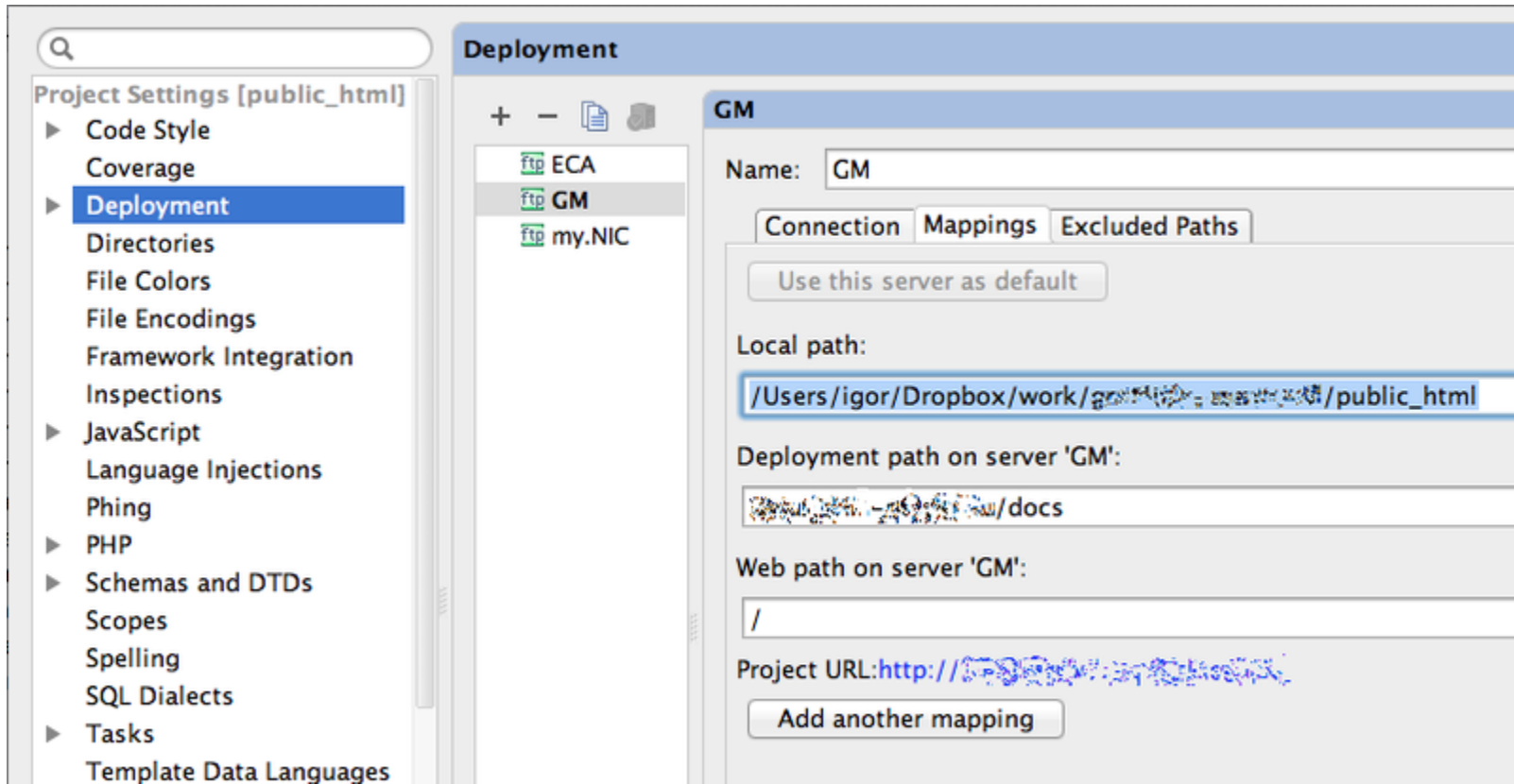


Интеграция с DCQ

<http://drupal.org/project/dcq>

Messages		Commit Changes
		2 ERROR Missing file doc comment
		6 ERROR Missing comment for @return statement
		16 WARNING A comma should follow the last multiline array item. Found: MENU_NORMAL_ITEM
		23 ERROR There must be an empty line before the parameter block
		23 ERROR Last parameter comment requires a blank newline after it
		23 ERROR Missing parameter type at position 1
		23 ERROR Missing comment for param "\$items" at position 1
		24 ERROR Missing comment for @return statement
		32 ERROR Missing comment for @return statement
		64 ERROR No space before comment text; expected "//

FTP, деплой и автодеплой



Database console

The screenshot shows the Database Console window with the following components:

- Console:** Displays SQL commands and execution status.

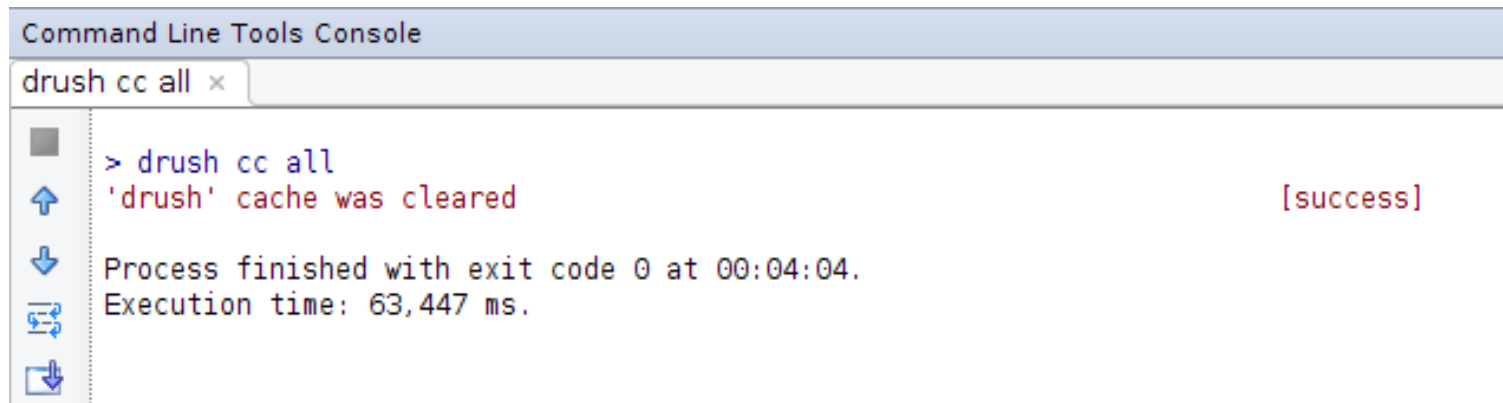
```
sql> select * from product
6 row(s) retrieved starting from 1 in 62/133 ms
2 row(s) retrieved starting from 1 in 4/20 ms

sql> |
```
- Result:** Displays the results of the SQL query in a table format.

	id	name	description	price
1	1	Product1	Product1 description	0.123
2	2	Product2	Product2 real description	123.123
- Data Sources:** A list of data sources on the right side of the console.
 - DataSource (testdb)
 - Default: active
 - 5tbl: table
 - bid: table
 - codes: table
 - country: table
 - country_group: table
 - data_table: table
 - index_test: table
 - item: table
 - lobtable: table
 - multikey_source: table
 - multikey_target: table
 - product: table
 - protest: table
 - referred: table
 - sample: table
 - shorts: table
 - sm01: table
 - software: table

The bottom of the window features a toolbar with icons for Database Console, Find (3), Debug (5), Changes (9), ExceptionAnalyzer, TeamCity, and a Google logo.



Command line tools console



The screenshot shows a 'Command Line Tools Console' window. At the top, there is a title bar and a tab labeled 'drush cc all' with a close button. The main area displays the command execution results. On the left side of the console, there is a vertical toolbar with icons for a square, an upward arrow, a downward arrow, a refresh/clear icon, and a download icon. The output text is as follows:

```
> drush cc all  
'drush' cache was cleared [success]  
  
Process finished with exit code 0 at 00:04:04.  
Execution time: 63,447 ms.
```

Чудо поиск

Enter class name: ☐ Include non-project classes (%N)  



SVLC

© SomeVeryLongClass .../test.php

Enter file name: ☐ Include

form

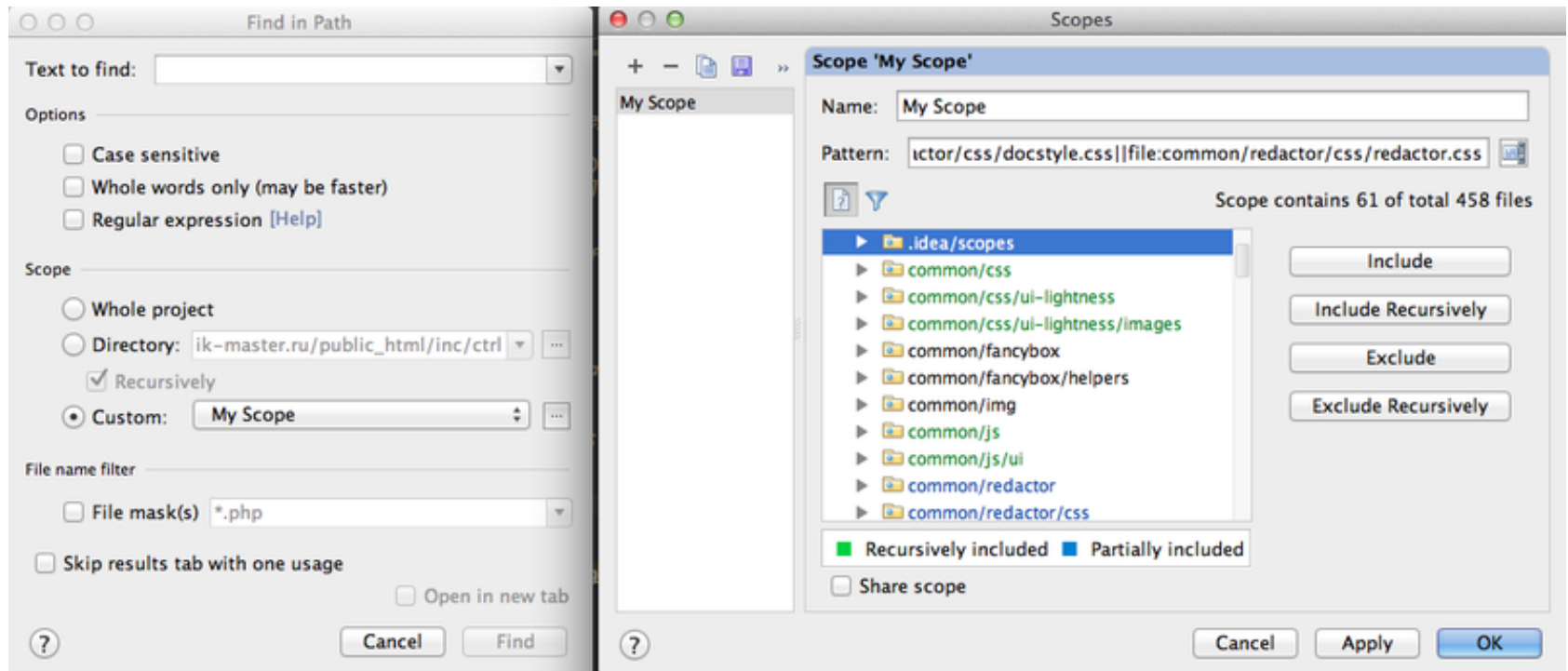
- php form-default.tpl.php (...)
- php form-default.tpl.php (...)
- php form-simple.tpl.php (...)
- css form.css (.../codebase/)
- css form.css (.../codebase/)
- html form.html (.../codebase/)
- php form.inc (.../codebase/)
- php form.inc (.../codebase/)
- php form.inc (.../codebase/)
- js form.js (.../codebase/)

Enter symbol name: ☐ Include non-project symbols (Ctrl+Alt+Shift+O)  

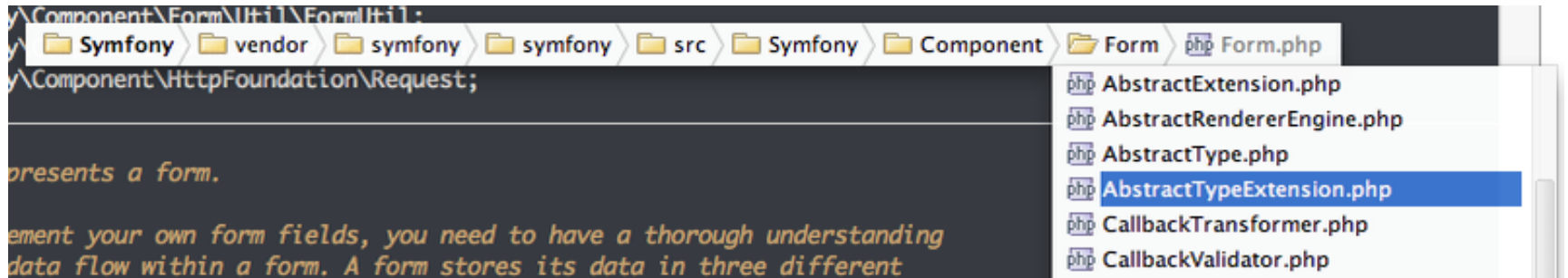
node_load

- fix node_load
- fix node_load_multiple
- fix node_access_test_node_load

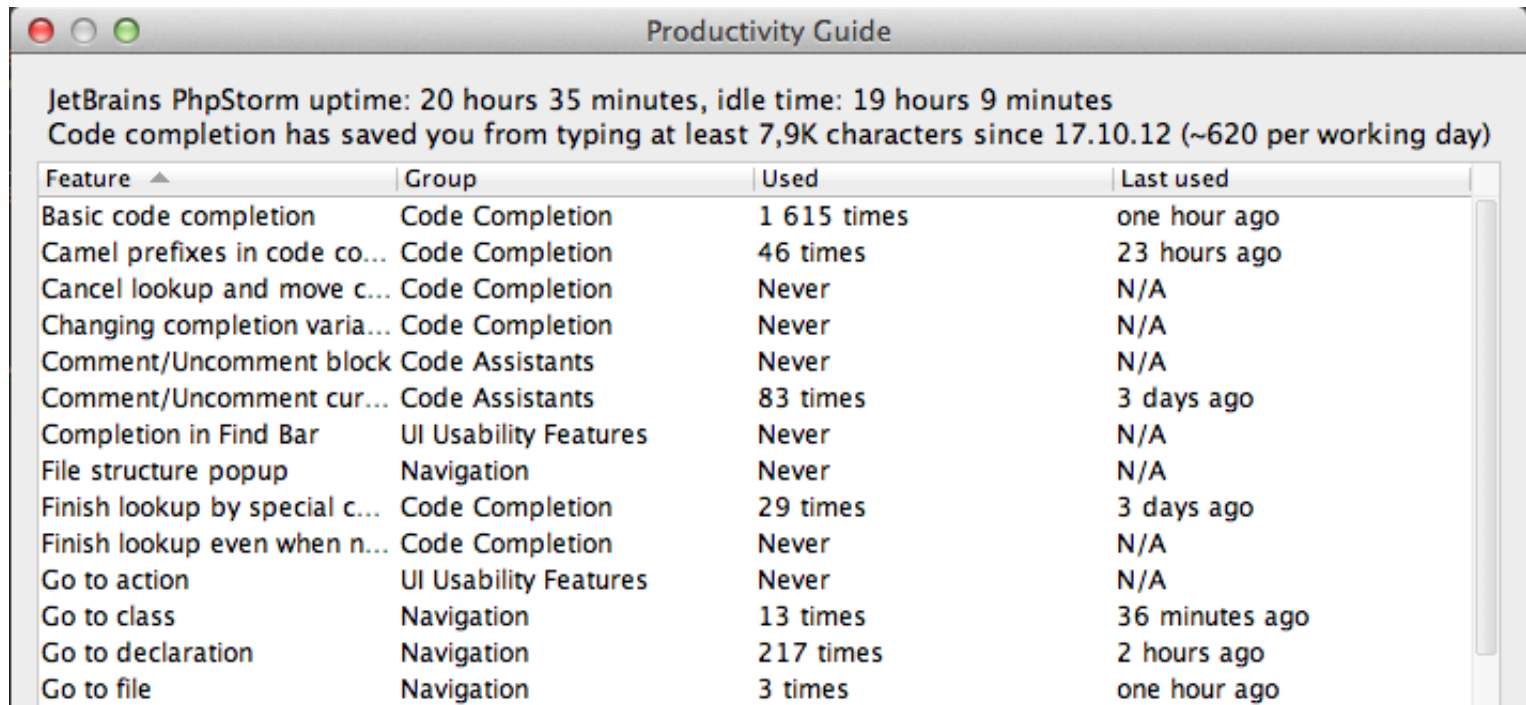
Чудо поиск



Быстрая навигация



Шторм заботится о вас



JetBrains PhpStorm uptime: 20 hours 35 minutes, idle time: 19 hours 9 minutes
Code completion has saved you from typing at least 7,9K characters since 17.10.12 (~620 per working day)

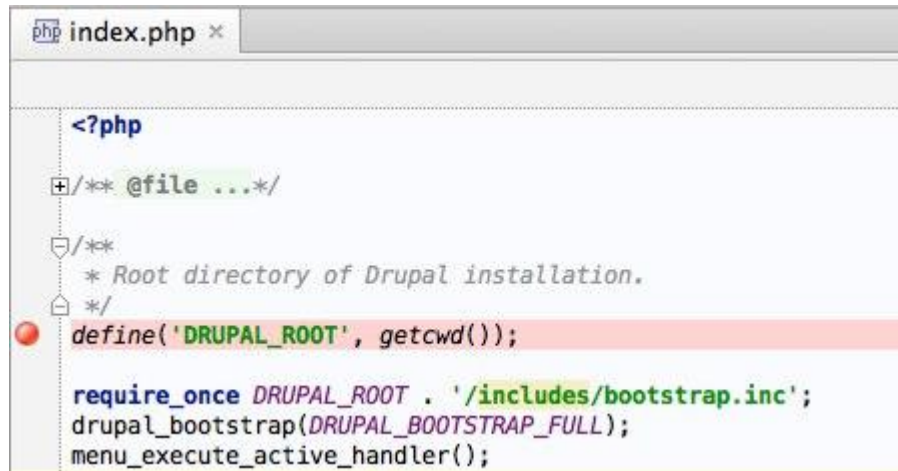
Feature ▲	Group	Used	Last used
Basic code completion	Code Completion	1 615 times	one hour ago
Camel prefixes in code co...	Code Completion	46 times	23 hours ago
Cancel lookup and move c...	Code Completion	Never	N/A
Changing completion varia...	Code Completion	Never	N/A
Comment/Uncomment block	Code Assistants	Never	N/A
Comment/Uncomment cur...	Code Assistants	83 times	3 days ago
Completion in Find Bar	UI Usability Features	Never	N/A
File structure popup	Navigation	Never	N/A
Finish lookup by special c...	Code Completion	29 times	3 days ago
Finish lookup even when n...	Code Completion	Never	N/A
Go to action	UI Usability Features	Never	N/A
Go to class	Navigation	13 times	36 minutes ago
Go to declaration	Navigation	217 times	2 hours ago
Go to file	Navigation	3 times	one hour ago

Как дебажить?

Цели

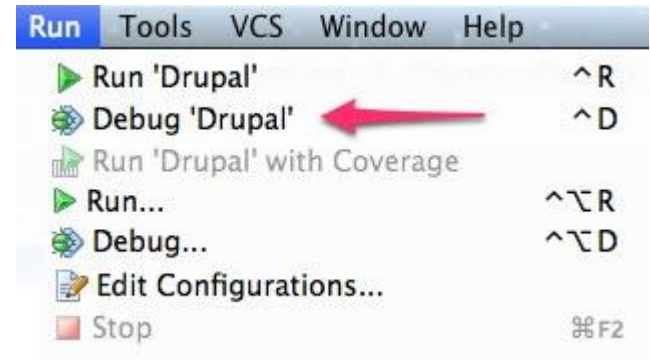
- Хочу быстро
- Хочу потыкать, отследить выполнение по шагам
- Хочу увидеть весь `score`, выполнять код в контексте текущей сессии дебага
- Нехочу `die()`, лень писать `var_dump()`, даже модуль `devel` ставить влом

XDebug

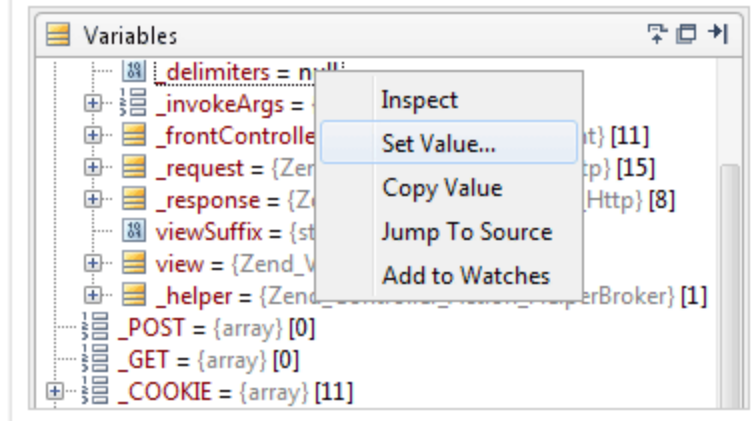
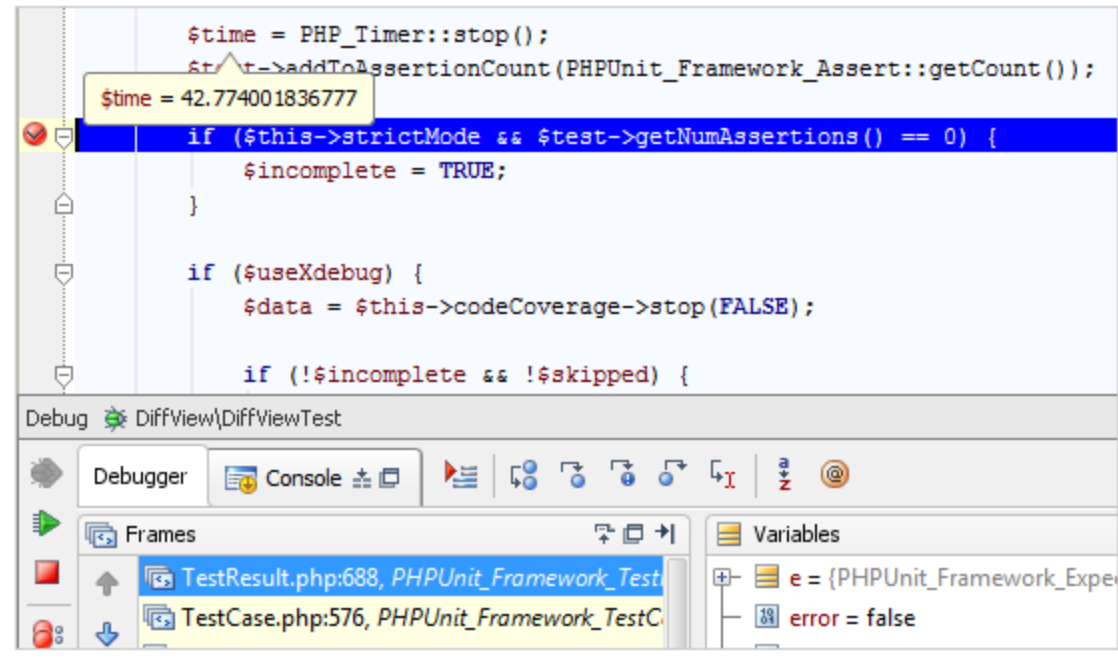


```
<?php
+/** @file ...*/
+/**
+ * Root directory of Drupal installation.
+ */
define('DRUPAL_ROOT', getcwd());

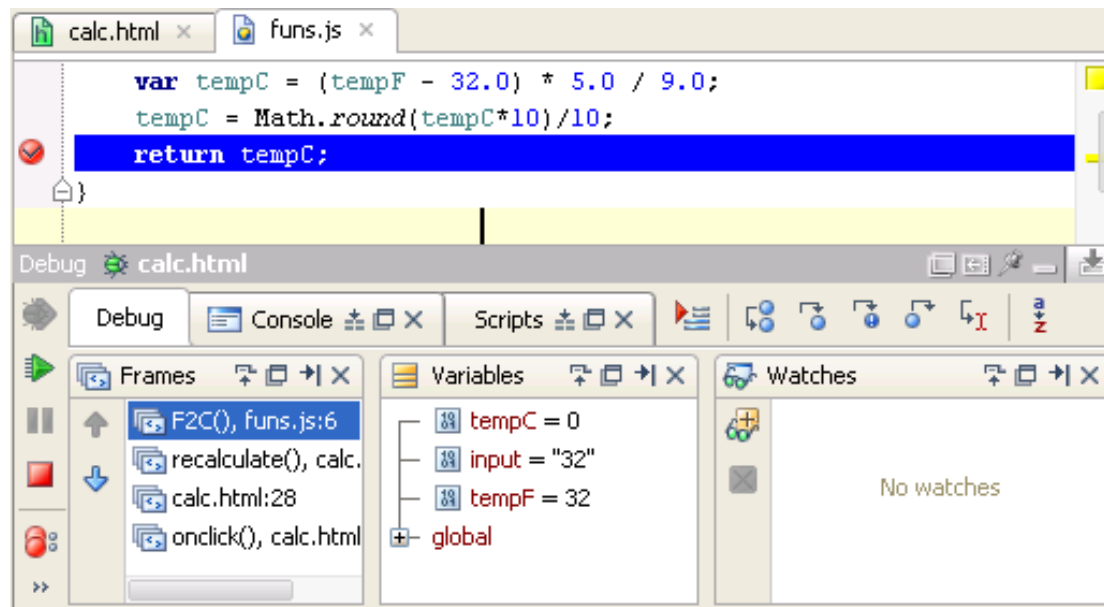
require_once DRUPAL_ROOT . '/includes/bootstrap.inc';
drupal_bootstrap(DRUPAL_BOOTSTRAP_FULL);
menu_execute_active_handler();
```



XDebug



JavaScript debug



Chrome developer tools

мегаплан

Простой для управ

войти зарегистрироваться

ПОСТЫ q&a события хабы ком

1 августа в 22:52

Drush команда для мгновенной установки друпала

span.post_title 409px x 70px

Elements Resources Network Sources Timeline Profiles Audits Console

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="ru">
  <head prefix="og: http://ogp.me/ns# fb: http://ogp.me/ns/fb">
    <body>
      <div id="topline" title></div>
      <script type="text/javascript">...</script>
      <!-- tns-counter.ru -->
      <script language="JavaScript" type="text/javascript">...</script>
      <noscript>...</noscript>
      <!-- / tns-counter.ru -->
      <div id="layout">
        <div id="header">...</div>
        <div class="content_left">
          <div class="post shortcuts_item" id="post_148824">
            <div class="published"> 1 августа в 22:52</div>
            <h1 class="title">
              <span class="post_title">Drush команда для мгновенной установ
            </h1>
            <div class="hubs">...</div>
          </div>
        </div>
      </div>
    </body>
  </html>
```

html body div#layout div.content_left div#post_148824.post.shortcuts_item

```
> $('span.post_title')
[<span class="post_title">Drush команда для мгновенной установ
> |
```

Chrome debugger

The screenshot displays the Chrome DevTools debugger interface. The top toolbar includes icons for a bug, a cursor, a play button, and tabs for Console, HTML, CSS, Script, DOM, Net, Changes, Page Speed, Page Speed Activity, and YSlow. The 'Script' tab is active, showing the file 'audio-player.js' with the following code:

```
1 var ap_instances = new Array();
2
3 function ap_stopAll(playerID) {
4   for(var i = 0; i < ap_instances.length; i++) {
5     try {
6       if(ap_instances[i] != playerID) document.get
7       else document.getElementById("audioplayer" +
8     } catch( errorObject ) {
9       // stop any errors
10    }
11  }
12 }
```

The 'Watch' tab is also active, displaying a list of variables and their values:

Variable	Value
this	Window beerpla.net
scopeChain	[Window beerpla.net 0=window]
\$	undefined
Digg	Object
ap_clearID	undefined
ap_instances	undefined
diigoToolbarVersion	"4.1.0.14"
get localStorage	Storage
gtbExternal	[xpconnect wrapped (nsISupports, nsICla

Chrome extensions

- Xdebug helper
- Validity
- Clear cache
- Dummy text



Шаги поднятия проекта на Drupal

- Создание виртуального хоста
- Скачать друпал
- Создать базу, установить

Быстрое развертывание Drupal

> drush idi

<https://github.com/eugene-ilyin/drush-idi>

<http://habrahabr.ru/post/148824/>



Билд друпал сборки с модулями

> drush make

```
; This makefile will install Drupal 7 and a selection of modules
```

```
core = 7.x  
api = 2
```

```
; The latest drupal core  
projects[] = drupal
```

```
; Modules to be installed in sites/all/modules/contrib  
projects[cck][version] = 2.x-dev  
projects[cck][subdir] = contrib
```

```
projects[features][version] = 1.x-dev  
projects[features][subdir] = contrib
```

```
; Modules to be installed in sites/all/modules  
projects[admin_menu][version] = 3.x-dev  
projects[devel][version] = 1.x-dev  
projects[module_filter][version] = 1.x-dev
```

Спасибо!



Антон Галицын