

Tymon Terlikiewicz

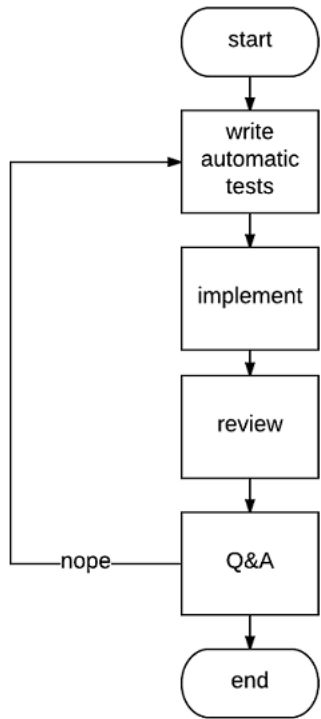
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WYKRYWANIE BŁĘDÓW W KODZIE UŻYWAJĄC STATYCZNEJ ANALIZY KODU PHPSTORMA NA SERWERZE CONTINUOUS INTEGRATION TEAMCITY

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Na koniec: Gotowa, działająca konfiguracja dockera na githubie



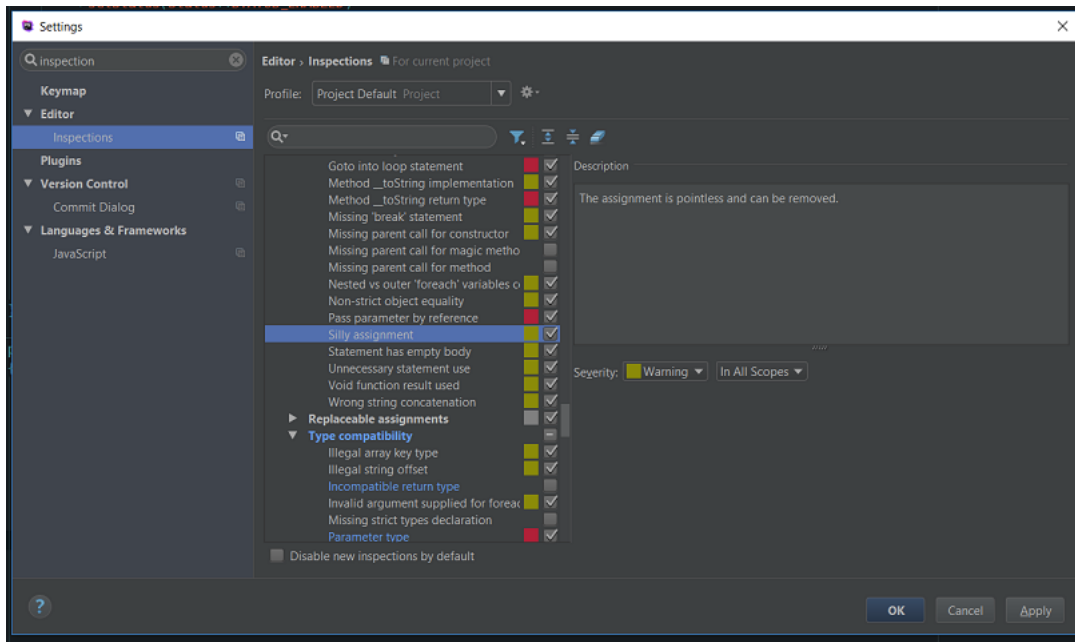
Statyczna analiza kodu

```
1 <?php
2
3 class HappyClass
4 {
5
6     public function sayHello() : void
7     {
8         return "Hello";
9     }
10 }
11
```

Cel:

```
1 <?php ✓
2
3 class HappyClass
4 {
5
6     public function sayHello() : string
7     {
8         return "Hello";
9     }
10 }
```

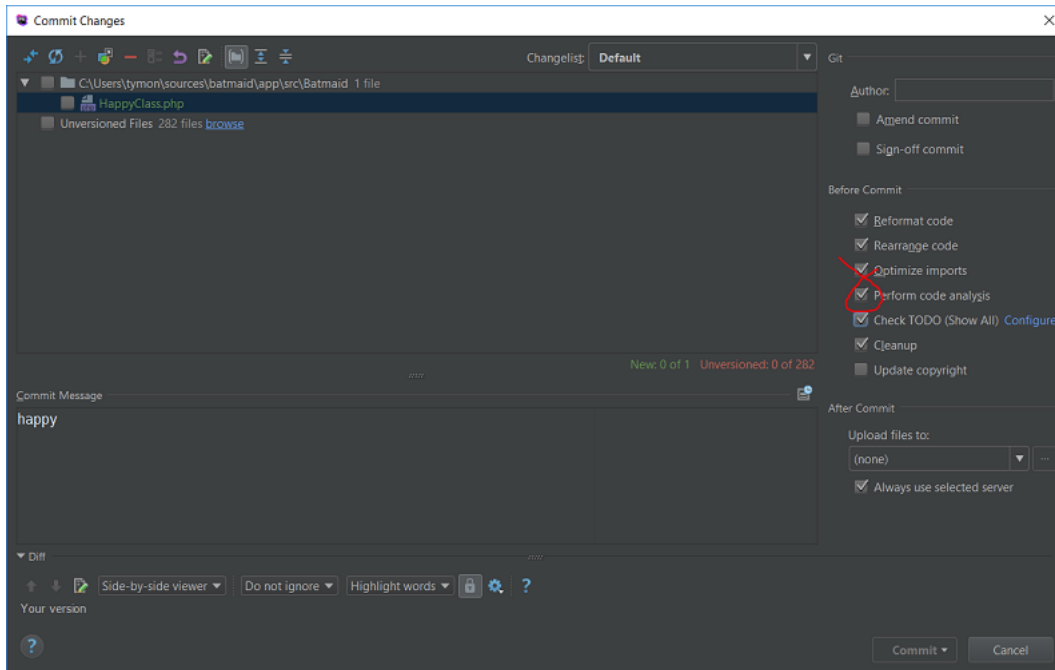
Inspection settings



Shared settings

```
git add .idea/inspectionProfiles/Project_Default.xml
```


Inspect on commit



git merge



Conflict

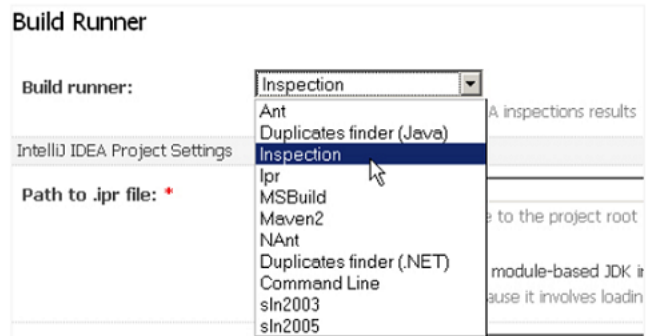
```
1  <?php
2
3  class HappyClass
4  {
5      public function getHello() : string
6      {
7          return "Hello";
8      }
9
10     public function printHello()
11     {
12         echo $this->sayHello();
13     }
14 }
15
16
17
```

Rozwiązanie

Analiza kodu na serwerze!

Expectation

To inspect your code remotely on the server-side, set up a build configuration with the **Inspection** build runner and point it to the IntelliJ IDEA project file (the detailed procedure is described in [TeamCity reference](#)):



Reality



TeamCity Support | JetBrains

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Is there a way to run PhpStorm inspections in TeamCity build?

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Yuri Malinov

Created February 15, 2012 20:39

Is there a way to run PhpStorm inspections in TeamCity build?

It should be very helpful to increase code quality.

Votes



0

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Support answer

Unfortunately we don't have any guide on it. And to be fair - we haven't played around with TeamCity & PhpStorm combination.

dłaczego nikt jeszcze nie próbował tego zrobić?

PhpStorm na serwerze

```
PhpStorm/bin/inspect.sh $project $profile $output
```

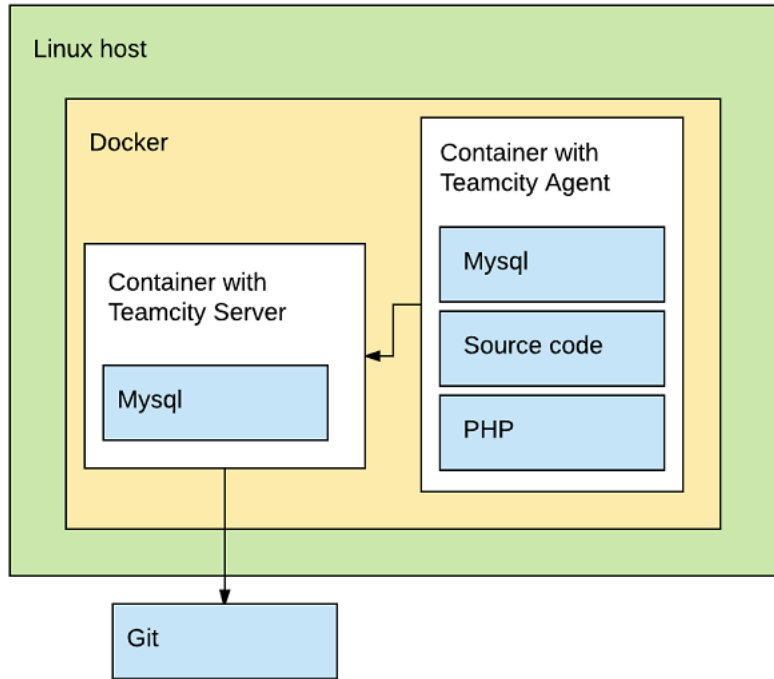
Output

```
<problems is_local_tool="true">
  <problem>
    <file>
      file://$PROJECT_DIR$/src/FileWithWarning.php
    </file>
    <line>123</line>
    <entry_point TYPE="file"
      FQNAME="file://$PROJECT_DIR$/src/FileWithWarning.php"/>
    <problem_class severity="WARNING" attribute_key="NOT_USED_ELEMENT_ATTRIBUTES">Unused local va
    </problem_class>
    <description>Unused local variable $foo</description>
  </problem>
</problems>
```

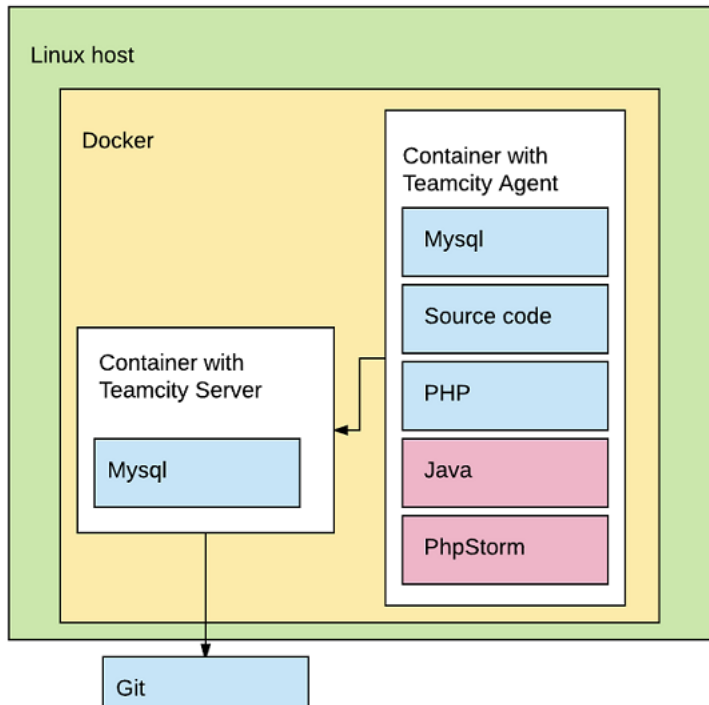
Required

```
1 <?xml version="1.0"?>
2 <pmd timestamp="Sat, 02 Sep 2017 08:43:03 +0200">
3   <file name="src/HappyClass.php">
4     <violation line="16" beginline="16"
5       endlines="16"
6       rule="Undefined method"
7       priority="1">
8       Method 'sayHello' not found in
9     </violation>
10  </file>
11 </pmd>
```

Infrastruktura Teamcity



Infrastruktura Teamcity



Live demo

Rekomendacje

- Establish Continuous integration + code quality rules as soon as possible
- Don't tolerate warnings
- Fix red builds immediately

Gotowy setup

github.com/batmaid