

Intro to Testing

Florian Lorétan – Achieve Internet

slides available at

<http://happypixels.net/blog/2-topics-2-camps-4-presentations>

```
// Present myself.
$me = 'Florian Lor&eacute;tan';
$me = 'flobruit';

$passions = array(
    'Drupal',
    'his Girlfriend',
    'music',
    'open source'
);

$list = array();

foreach ($passions as $passion) {
    $params = array(
        '@subject' => $me,
        '@object' => $passion,
    );
    $list[] = t('@subject loves @object.', $params);
}

print theme('list', $list);
```

What is SimpleTest?

- Developer Tool
- PHP Testing Framework
- Integrated as a contributed module in D5 + D6
- Integrated in core for Drupal 7
- Implements **Automated Testing**

<http://drupal.org/simpletest>

Why Automated Testing?

- Define exactly what the code should do
 - Easier development
 - Easier to refactor code
 - Less debugging
 - Less mistakes
 - More fun

Why Automated Testing?

- Document Bugs

```
$xss = '<script>alert("xss")</script>';
```

```
$edit = array(  
    'title' => $xss,  
);
```

```
$node = $this->drupalCreateNode($edit);
```

```
$this->drupalGet('node/' . $node->nid . '/edit');  
$this->assertNoRaw($xss, t('Harmful tags are  
escaped.'));
```

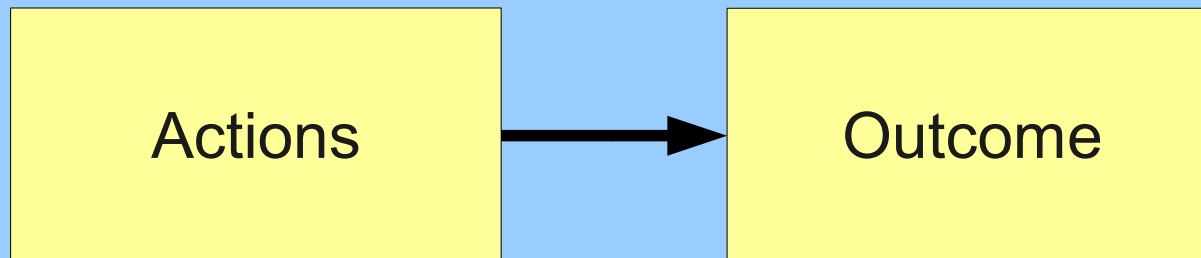
Why Automated Testing?

- Document Bugs
 - Prevent regressions
 - Quality Assurance
 - Better Software
 - Happier users

How we define requirements

Context

- User
- Settings



so... how does it work?

Let me show you...

Try it out!

Search the Drupal issue queue for
“TestingParty”

More resources at
<http://drupal.org/simpletest>