



Testing part 1:

Intro to Testing

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What is SimpleTest?

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

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

Why Automated Testing?



Why Automated Testing?



Hungarian Pancake

so... how does it work?

- .test files
- Contain test classes
- Test classes extend the SimpleTest class
- Use Helper methods to:
 - Simulate user actions
 - Check behavior

No, really... how does it work?

Let me show you...

Awesome Testing Party!

- Tomorrow, 9am in the Life Room
- Hungarian Pancakes!
- Hands-on experience!
- Contribute to Drupal!
- Work with awesome people!