Zend_View_Helper_TimeUntil - Geoffrey Tran

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Zend Framework: Zend_View_Helper_TimeUntil Component Proposal

Proposed Component Name	Zend_View_Helper_TimeUntil
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_View_Helper_TimeUntil
Proposers	[Geoffrey Tran]
Zend Liaison	TBD
Revision	1.0 - 1 January 2008: Initial Draft. (wiki revision: 4)

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1. Overview

This helper calculates the time to an event from timestamps to generate a formatted string like "5 days and 4 hours". It is similar to the TimeSince helper except applications of this helper are generally seen in "This event will start in 5 days and 4 hours" or "3 weeks before expiration" type lines.

Units supported are years, months, weeks, days, minutes, seconds. String format is the largest possible unit and if possible the unit below it. If a 1 year and 2 weeks have passed then "1 year" is the output; however, if 1 year, 2 months and 5 days have passed then "1 year and 2 months" is returned. If less than a second have passed then "less than a second" is returned.

Output is automatically translated if possible using Zend_View_Helper_Translate. The translation format is '%d months'. An already completed gettext pot file is located on Zym's demo in the data locale folder.

2. References

- Zym Project's TimeUntil
- Zym Project's TimeUntil gettext POT

3. Component Requirements, Constraints, and Acceptance Criteria

- This component **will** extend Zend_View_Helper_Abstract
- This component **will** allow the use of translation
- This component **will** format a date using a timestamp

4. Dependencies on Other Framework Components

- Zend_View_Helper_Abstract
- Zend_View_Helper_Translate

5. Theory of Operation

Calculates time until a specified time.

6. Milestones / Tasks

- Milestone 1: [DONE] Proposal creation
- Milestone 2: [DONE] Working Code, Documentation, Tests
- Milestone 3: Working prototype checked into the incubator.
- Milestone 4: Unit tests exist, work, and are checked into SVN.
- Milestone 5: Initial documentation exists.

7. Class Index

- Zend_View_Helper_TimeUntil

8. Use Cases

UC-01

```
<!-- Simple -->
Your account will expire in <?= $this->timeUntil($timestamp); ?>.

<!-- Time until a specified timestamp -->
<?= $this->timeUntil($timestamp, strtotime('+1 day')); ?>
```

9. Class Skeletons

```
class Zend_View_Helper_TimeUntil
{
      public function timeUntil($timestamp, $time = null)
      {}

}
```

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