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2 Composing a Wiki::Toolkit Wiki

Composing Wiki

- Storage
- Formatter
- Search
- Plugins

3 Nodes and Metadata

3.1 Metadata

Arbitrary metadata can be stored alongside with the node.

```
%metadata = {country => 'USA',  
             state => 'Florida',  
             city => 'Orlando'};
```

```
$wiki->write_node($node, $content, $checksum, \%metadata, $requires_moderation);
```

The metadata can be retrieved with the `retrieve_node` method.

```
%node = $wiki->retrieve_node('Perl_Oasis');
```

```
for (keys %{ $node{metadata} }) {  
    ...  
}
```

4 Storage Backends

All storage backends are derived from `Wiki::Toolkit::Store::Database`.

Storage Backends

- MySQL
- PostgreSQL
- SQLite

4.1 Storage Setup

All storage backends can be easily initialized with the corresponding `Wiki::Toolkit::Setup` classes.

```
#!/usr/bin/perl
```

```
use Wiki::Toolkit::Setup::MySQL;
```

```
my $dbname = 'wiki';  
my $dbuser = 'wiki';  
my $dbpass = 'wikisecret';  
my $dbhost;
```

```
Wiki::Toolkit::Setup::MySQL::setup($dbname, $dbuser, $dbpass, $dbhost);
```

4.2 Storage Tables

Storage Tables

- content
- schema.info
- metadata
- internal_links

5 Formatters

The interface for Wiki::Toolkit formatters is really simple, it consists of a mandatory `format` and an optional `find_internal_links` method.

`format` takes the text in the Wiki format and returns HTML code suitable for display in a web page.

`find_internal_links` returns internal links in the Wiki.

5.1 Options for Formatters

5.2 Internal Links

5.3 Formatters in CPAN

Available Formatters

- MediaWiki
- UseMod
- Markdown
- POD

5.4 Multiple Formatters

Multiple Formatters

5.5 Writing Formatters

Writing Formatters

6 Search

Search

7 Plugins

8 Wiki Syntax

8.1 Markdown

Homepage: <http://daringfireball.net/projects/markdown/syntax>

Wiki: <http://markdown.infogami.com/>

8.1.1 Emphasis

<code>*single asterisks*</code>	<i>italic</i>
<code>_single underscores_</code>	bold

`*single asterisks*`

`_single underscores_`

`**double asterisks**`

`__double underscores__`

8.1.2 Links

Internal links:

See my `[About](/about/)` page for details.

8.2 UseMod

Homepage: <http://www.usemod.com/cgi-bin/wiki.pl> Syntax: <http://www.usemod.com/cgi-bin/wiki.pl?TextFormattingRules>

8.2.1 Emphasis

9 Resources

Homepage: <http://www.wiki-toolkit.org/>

Mailing list: <http://www.earth.li/cgi-bin/mailman/listinfo/cgi-wiki-dev>

9.1 Related Projects

MojoMojo, a Catalyst & DBIx::Class powered Wiki, <http://search.cpan.org/perldoc?MojoMojo>.