**Development-guidelines**

[Edit](https://scrum.ei-navi.jp/redmine/projects/study-gear-release201308/wiki/Development-guidelines/edit?section=2)

**Naming Convention**

[Edit](https://scrum.ei-navi.jp/redmine/projects/study-gear-release201308/wiki/Development-guidelines/edit?section=3)

**PHP**

class GrammaticalItem

{

const SOME\_CONSTANT = 10;

private $\_memberVariable;

/\*

\* Zend and PEAR use camelCase().

\* CI uses snake\_case().

\* Most of the StudyGear code base uses snake\_case().

\*/

public function someMethod($param, $optionalParam = 1)

{

$localVariable;

$numbers = array(1, 2, 3, 4, 5); //avoid hungarian notation arrNumbers

...

}

}

Filenames: In general, one class or interface per file, with same name.

GrammaticalItem.php

[Edit](https://scrum.ei-navi.jp/redmine/projects/study-gear-release201308/wiki/Development-guidelines/edit?section=4)

**Javascript**

Follow Douglas Crockford's [conventions](http://javascript.crockford.com/code.html) .

[Edit](https://scrum.ei-navi.jp/redmine/projects/study-gear-release201308/wiki/Development-guidelines/edit?section=5)

**Coding Standards**

[Edit](https://scrum.ei-navi.jp/redmine/projects/study-gear-release201308/wiki/Development-guidelines/edit?section=6)

**Long Methods**

Avoid long methods. Keep each method to no more than 30 lines.

[Edit](https://scrum.ei-navi.jp/redmine/projects/study-gear-release201308/wiki/Development-guidelines/edit?section=7)

**Comments**

Avoid writing comments that explain *what* the code is doing and *how* it's doing it. This is information that can and should be conveyed by writing clean code. Instead, comments should describe, where appropriate, *why* the code has been written in certain ways.

[Edit](https://scrum.ei-navi.jp/redmine/projects/study-gear-release201308/wiki/Development-guidelines/edit?section=8)

**SQL**

When using SQL, protect against SQL injection by using parameter binding or something that uses parameter binding such as Active Record. Avoid concatenating strings yourself to build SQL statements.