

software development

101



@abhshkdz

GITHUB · TWITTER · FACEBOOK

software development **practices**

software development models

software development **workflow**

software development

101

good commit messages

bad

~~good~~ commit messages

|

Fixed some bugs.

Fixed some bugs.



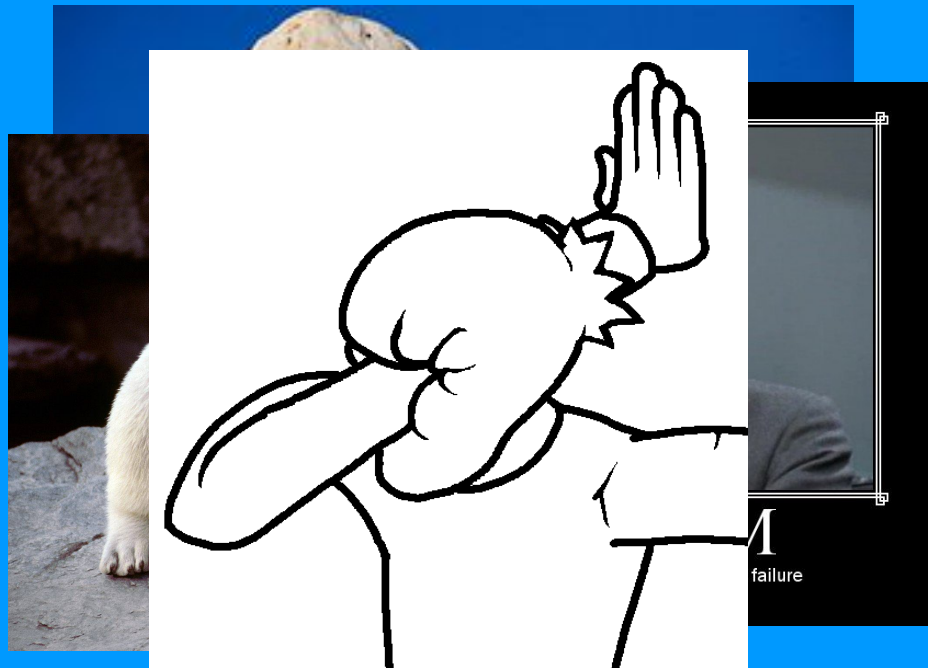
| *Fixed some bugs.*



| *Fixed some bugs.*



Fixed some bugs.



Fixed some bugs.

Wow, thanks for that!

good commit messages

- specific
- self explanatory
- relate to code

good commit messages



Commit Message

Permalink



(bug 44160) Fix invalid link of `others` during installation

On the `Environmental Checks` page during MW installation, the link to `others` in Credits was invalid because it points to a local special page and the wiki is not even installed.

Changed the link to
`http://www.mediawiki.org/wiki/Special:Version/Credits` which is
always available during installation.

Change-Id: I3967e14303f9db7def39c97982f06e6086bb69b8

comment excessively

```
abstract class Action {

    /**
     * Page on which we're performing the action
     * @var Page $page
     */
    protected $page;

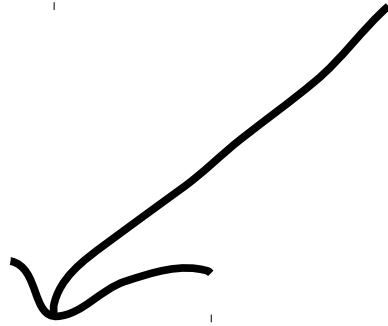
    /**
     * IContextSource if specified; otherwise we'll use the Context from t
     * @var IContextSource $context
     */
    protected $context;

    /**
     * The fields used to create the HTMLForm
     * @var Array $fields
     */
    protected $fields;

    /**
     * Get the Action subclass which should be used to handle this action,
     * the action is disabled, or null if it's not recognised
     * @param $action String
     * @param $overrides Array
     * @return bool|null|string
     */
    final private static function getClass( $action, array $overrides ) {
        foreach ( $overrides as $class ) {
            if ( $class::isAction( $action ) ) {
                return $class;
            }
        }
        return null;
    }
}
```

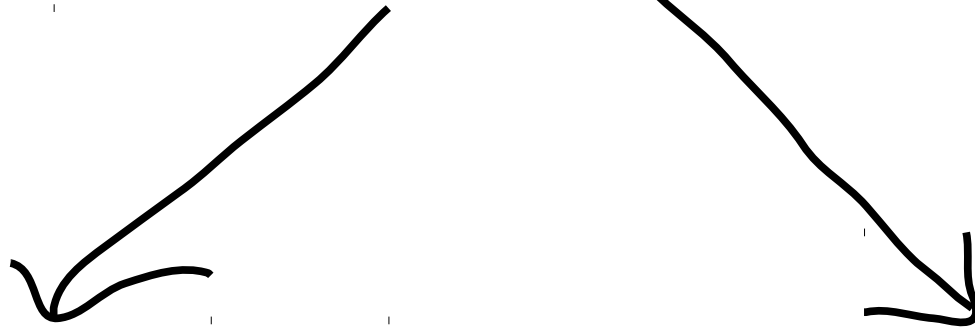
be consistent

be consistent



indentation

be consistent



indentation

naming

don't repeat yourself

don't repeat yourself

- reduce inter dependency
- modules
- abstraction

“don't reinvent the wheel”



“don't reinvent the wheel”

- better to use tested code

“don't reinvent the wheel”

- better to use tested code
- but 100% solution seldom exists

“don't reinvent the wheel”

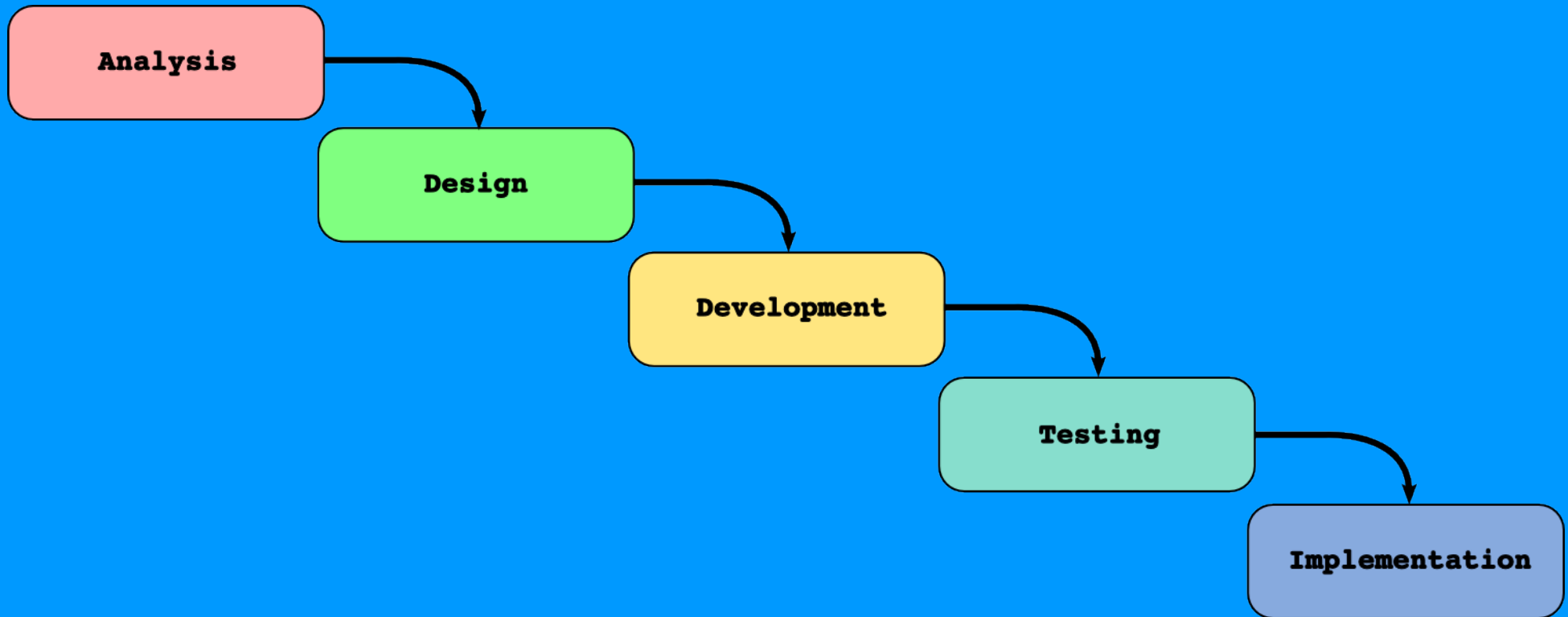
- better to use tested code
- but 100% solution seldom exists

Weigh your options. Choose Wisely.

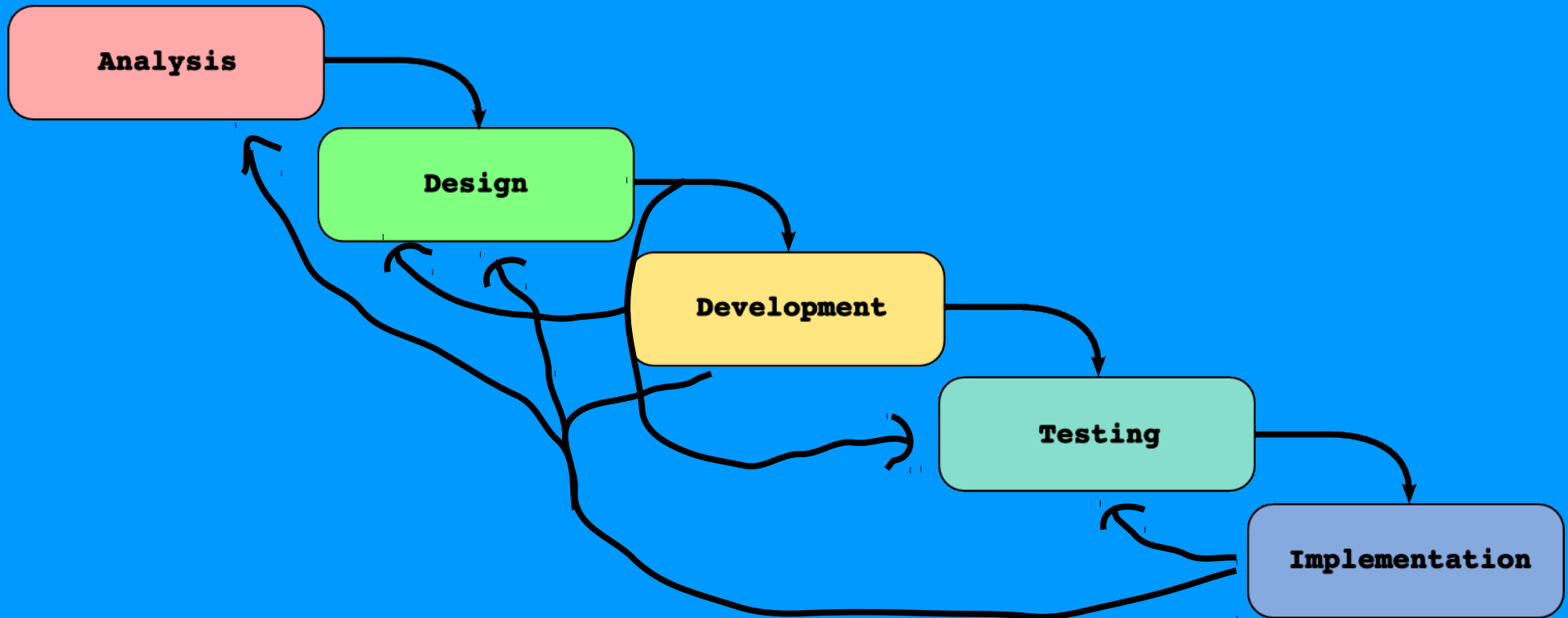
software development **models**

waterfall model

waterfall model

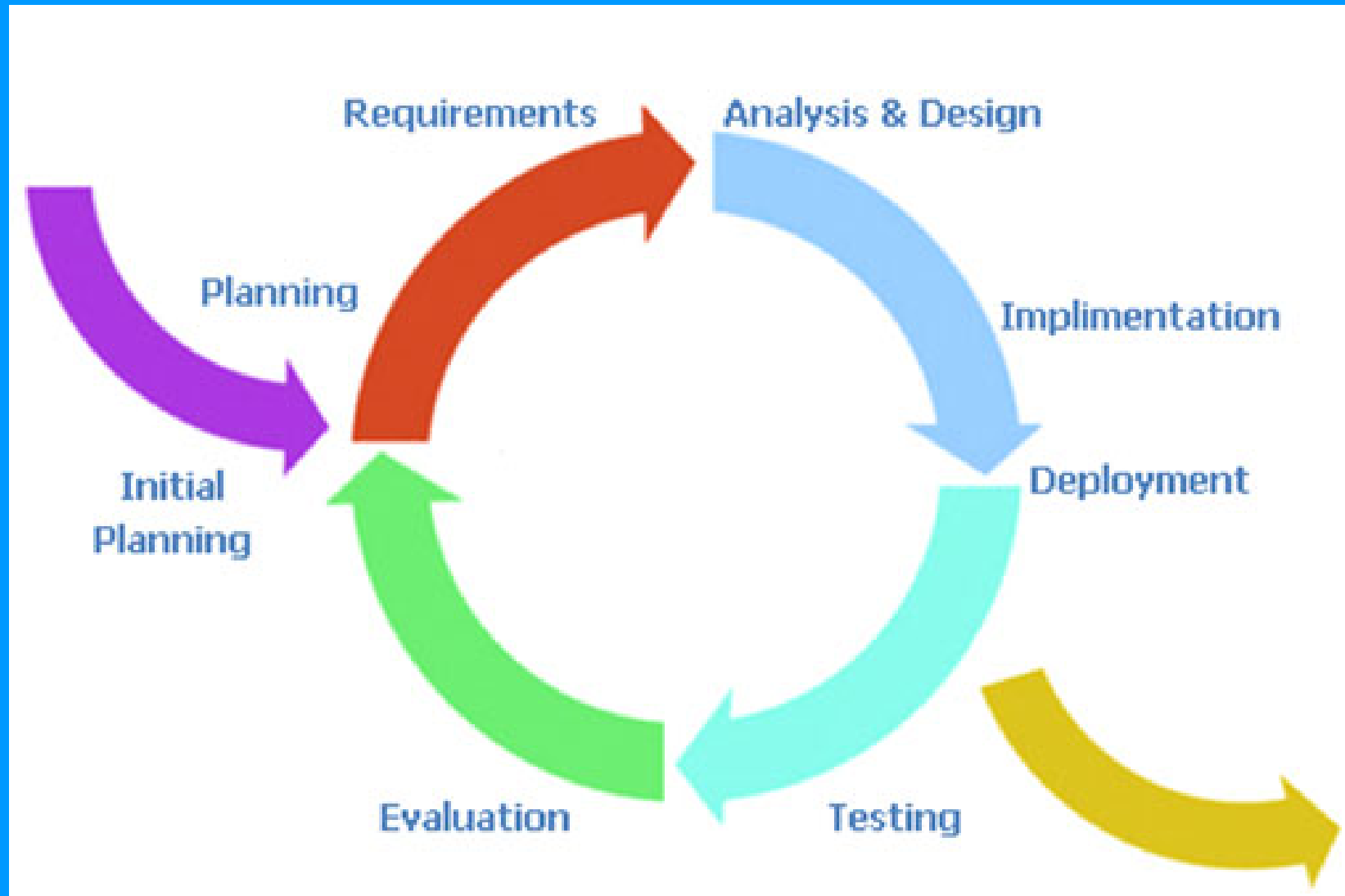


waterfall model



iterative model

iterative model



some more buzz words

deployment & automation



unit testing

"unit tests are so
important that they
should be a first
class language construct"

- Jeff Atwood



← you know, the
Coding Horror guy.

**STAY
FOCUSED
& KEEP
SHIPPING**