

# STREAMLINE SHOP CORE

OXID eSales AG

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# STREAMLINE SHOP CORE

- Restructure core
- Move features to modules

# **OXID ESHOP WAS FOCUSED ON A SMALL PROJECTS**

- < 10 modules
- Easy to patch

# E COMMERCE NOWADAYS

- > 40 modules
- > 1000 subshops
- Patching does not work
- Component way

# COMPILATION

- Has all functionality Shop needs
- Is segregated by components
- Is easy to modify through composer.json

OXID eSales AG - Chromium

OXID eSales AG x

GitH...US] https://github.com

Filters

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**oxideshop\_composer\_plugin** PRIVATE

Updated 2 days ago

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OXID eSales AG - Chromium

OXID eSales AG x

GitH...US] https://github.com

Filters

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**oxideshop\_metapackage\_ee** PRIVATE

Updated 19 minutes ago

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**oxideshop\_metapackage\_ce** PRIVATE

Updated 19 minutes ago

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**oxideshop\_metapackage\_pe** PRIVATE

Updated 13 days ago

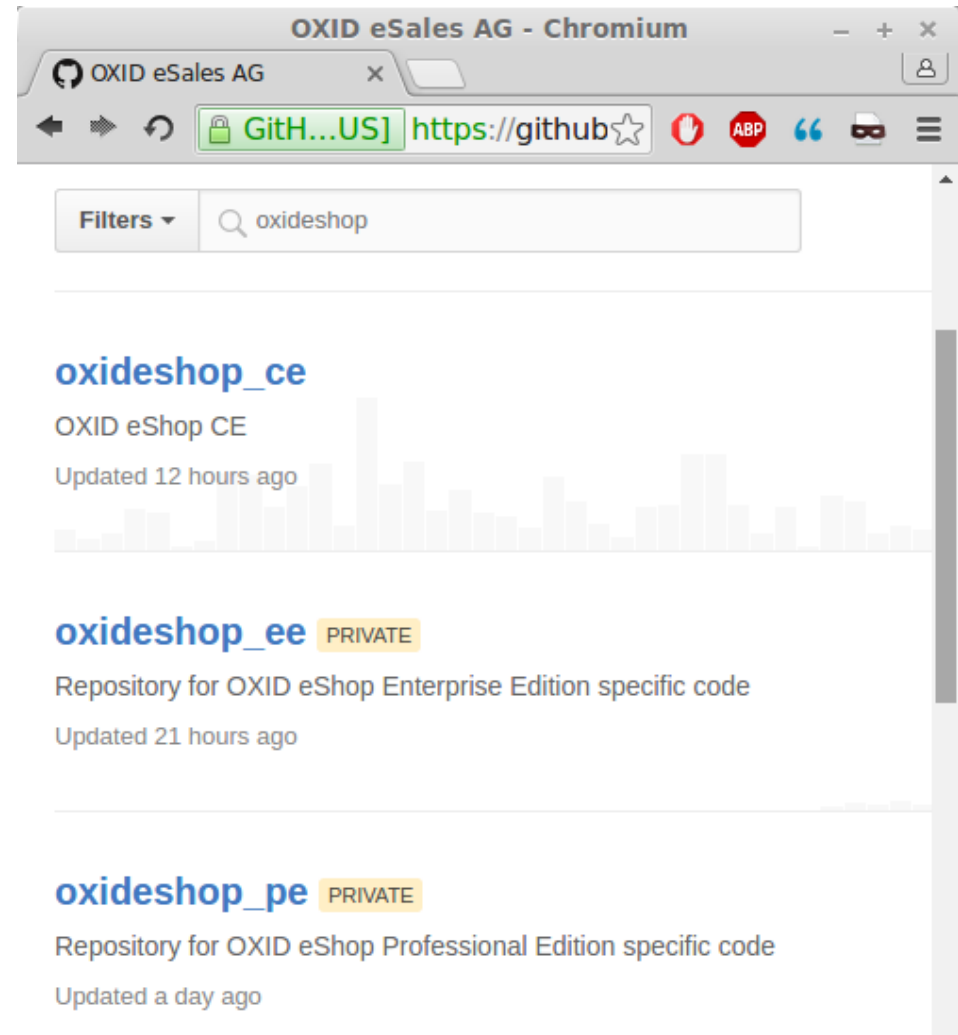
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# REPOSITORIES FOR EDITIONS

- Can see where we go
- Can participate where to go by pull requests

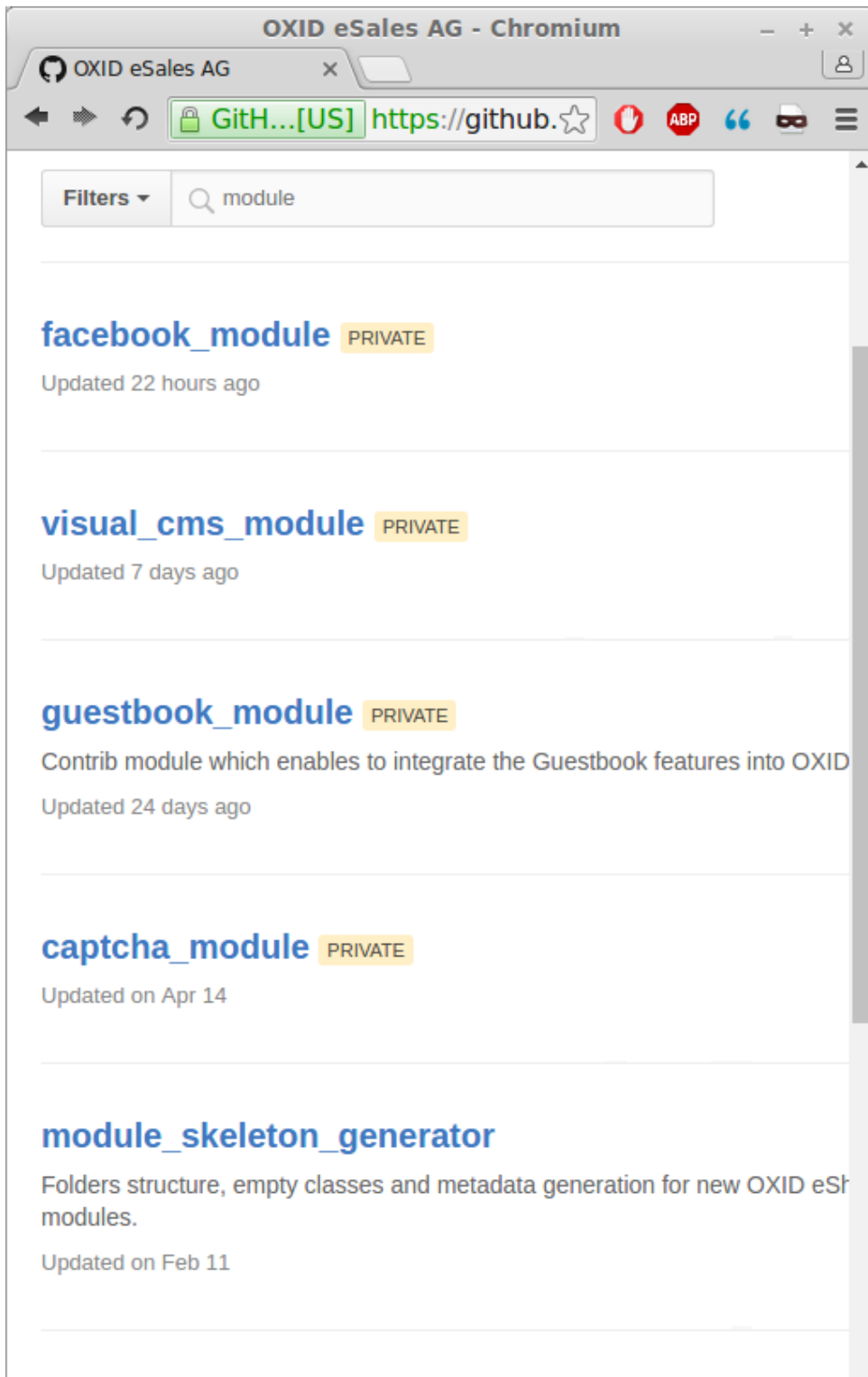


# REPOSITORIES FOR FEATURES

- How feature should work
- Fork and modify



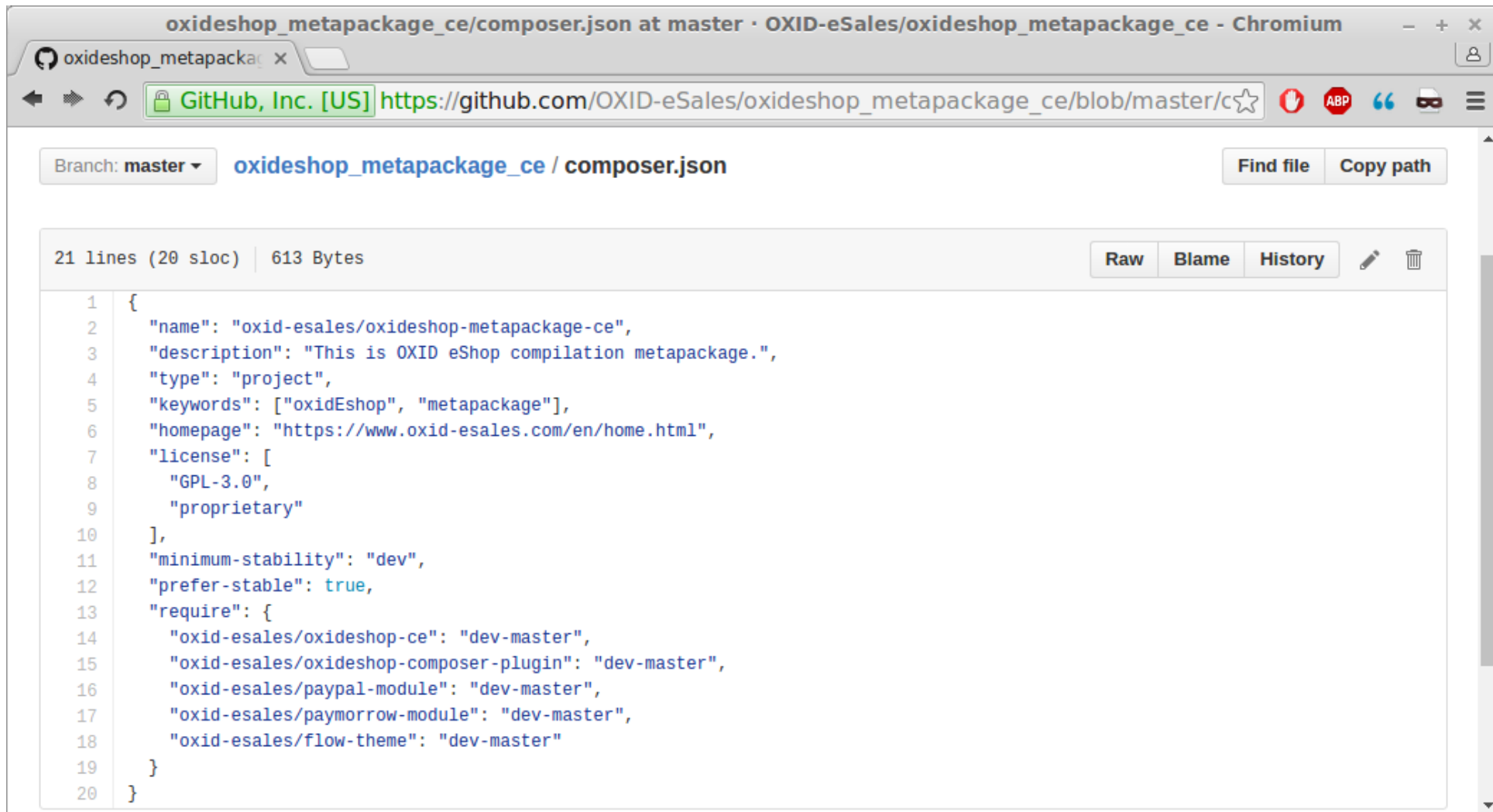
# COMPILATION



The screenshot shows a Chromium browser window titled "OXID eSales AG - Chromium". The address bar displays "https://github.com" with a search filter for "module". The search results list several private modules:

- facebook\_module** PRIVATE  
Updated 22 hours ago
- visual cms\_module** PRIVATE  
Updated 7 days ago
- guestbook\_module** PRIVATE  
Contrib module which enables to integrate the Guestbook features into OXID  
Updated 24 days ago
- captcha\_module** PRIVATE  
Updated on Apr 14
- module\_skeleton\_generator**  
Folders structure, empty classes and metadata generation for new OXID eSales modules.  
Updated on Feb 11

- Can be released easily
- Component release cycle decoupled
- Is easy to modify through composer.json

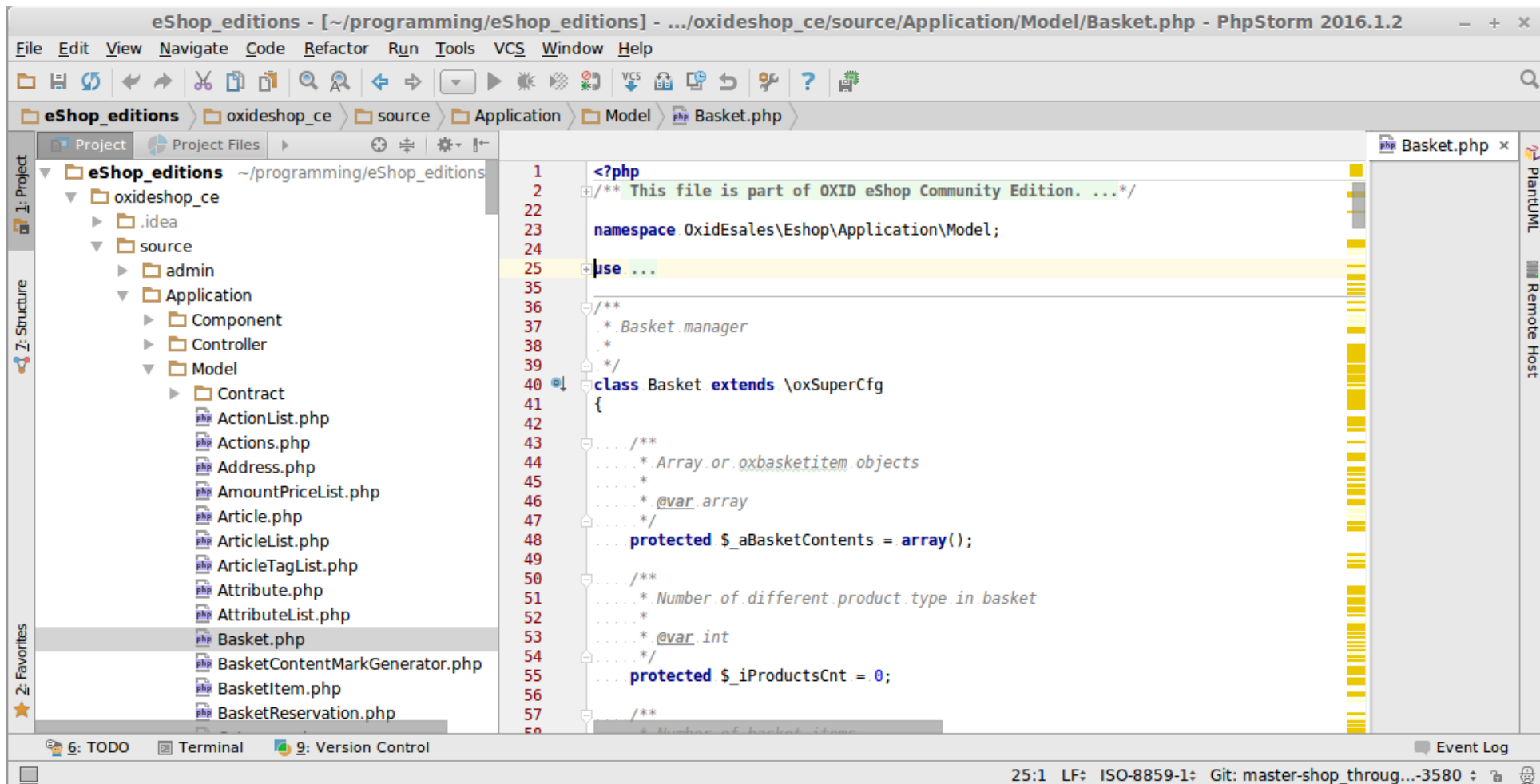


The screenshot shows a web browser displaying the GitHub page for the file `oxideshop_metapackage_ce/composer.json` at the master branch. The browser's address bar shows the URL `https://github.com/OXID-eSales/oxideshop_metapackage_ce/blob/master/c`. The page header indicates the branch is `master` and the file path is `oxideshop_metapackage_ce / composer.json`. The file content is displayed as follows:

```
1 {
2   "name": "oxid-esales/oxideshop-metapackage-ce",
3   "description": "This is OXID eShop compilation metapackage.",
4   "type": "project",
5   "keywords": ["oxidEshop", "metapackage"],
6   "homepage": "https://www.oxid-esales.com/en/home.html",
7   "license": [
8     "GPL-3.0",
9     "proprietary"
10  ],
11  "minimum-stability": "dev",
12  "prefer-stable": true,
13  "require": {
14    "oxid-esales/oxideshop-ce": "dev-master",
15    "oxid-esales/oxideshop-composer-plugin": "dev-master",
16    "oxid-esales/paypal-module": "dev-master",
17    "oxid-esales/paymorrow-module": "dev-master",
18    "oxid-esales/flow-theme": "dev-master"
19  }
20 }
```

# NAMESPACES

- Implementation steps
  - Move everything to namespaces



The screenshot shows the PhpStorm 2016.1.2 IDE interface. The main editor window displays the file `~/programming/eShop_editions/oxideshop_ce/source/Application/Model/Basket.php`. The code is as follows:

```
1 <?php
2 /** This file is part of OXID eShop Community Edition. ...*/
22
23 namespace OxidEsales\Eshop\Application\Model;
24
25 use ...
35
36 /**
37  * Basket manager
38  *
39  */
40 class Basket extends \oxSuperCfg
41 {
42
43     /**
44      * Array or oxbasketitem objects
45      *
46      * @var array
47      */
48     protected $_aBasketContents = array();
49
50     /**
51      * Number of different product type in basket
52      *
53      * @var int
54      */
55     protected $_iProductsCnt = 0;
56
57     /**
58      * Number of basket items
```

The left sidebar shows the project structure for `eShop_editions`, with the `Basket.php` file selected under `Application/Model`. The bottom status bar indicates the current file is `Git: master-shop_through...-3580`.

# NAMESPACES

- Implementation steps
  - Move everything to namespaces
  - **Name things right**

oxConfig -> Config

oxSuperCfg -> Object

oxView -> Controller

oxUBase -> FrontendController

oxAdminView -> AdminController

oxBase -> Model

oxList -> ListModel

oxI18n -> MultiLanguageModel

oxWidget -> WidgetController

---

Hierarchy Base tree:

Object

Config -> Object

Controller -> Object

FrontendController -> Controller -> Object

Model -> Object

MultiLanguageModel -> Model -> Object

---

Hierarchy Leaf classes examples:

ArticleModel -> MultiLanguageModel -> Model -> Object

ArticleListModel -> ListModel -> Object

AccountController -> FrontendController -> Controller -> Object

OrderController -> FrontendController -> Controller -> Object

ArticleDetailsController -> FrontendController -> Controller -> Object

BasketComponentController -> Controller -> Object

RatingWidgetController -> WidgetController -> FrontendController -> Controller -> Object

Hierarchy Leaf classes examples (admin):

OrderDetailsController -> AdminDetailsController -> AdminController -> Controller -> Object

OrderOverviewController -> AdminDetailsController -> AdminController -> Controller -> Object

OrderMainController -> AdminDetailsController -> AdminController -> Controller -> Object

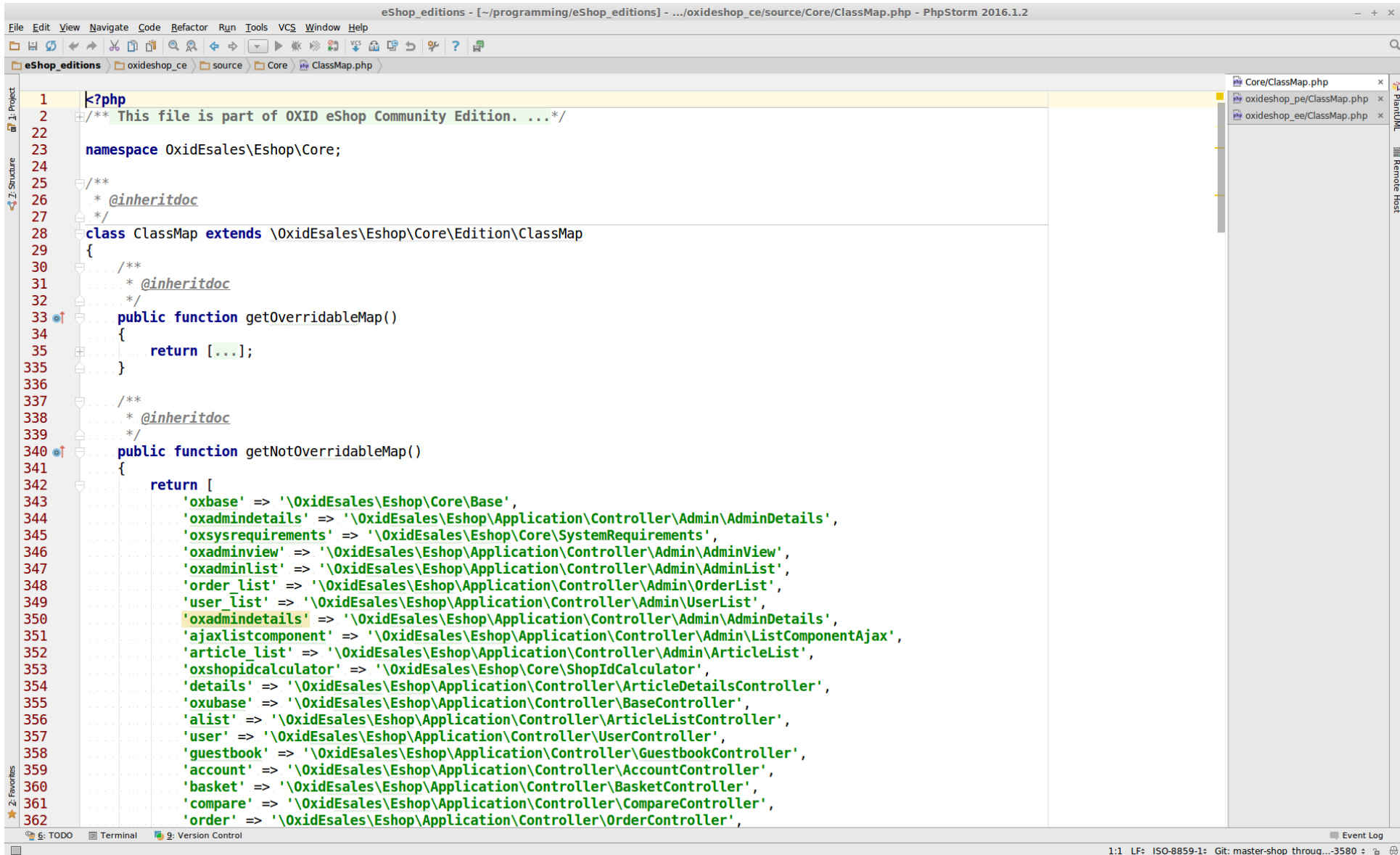
OrderListController -> AdminListController -> AdminController -> Controller -> Object

OrderController -> AdminController -> Controller -> Object

# NAMESPACES

- Implementation steps
  - Move everything to namespaces
  - Name things right
  - **Split classes**

# BC KEPT



```
1 <?php
2 /** This file is part of OXID eShop Community Edition. ... */
22
23 namespace OxidEshop\Eshop\Core;
24
25 /**
26  * @inheritdoc
27  */
28 class ClassMap extends \OxidEshop\Eshop\Core\Edition\ClassMap
29 {
30     /**
31      * @inheritdoc
32      */
33     public function getOverridableMap()
34     {
35         return [...];
36     }
37
38     /**
39      * @inheritdoc
40      */
41     public function getNotOverridableMap()
42     {
43         return [
44             'oxbase' => '\OxidEshop\Eshop\Core\Base',
45             'oxadmindetails' => '\OxidEshop\Eshop\Application\Controller\Admin\AdminDetails',
46             'oxsysrequirements' => '\OxidEshop\Eshop\Core\SystemRequirements',
47             'oxadminview' => '\OxidEshop\Eshop\Application\Controller\Admin\AdminView',
48             'oxadminlist' => '\OxidEshop\Eshop\Application\Controller\Admin\AdminList',
49             'order_list' => '\OxidEshop\Eshop\Application\Controller\Admin\OrderList',
50             'user_list' => '\OxidEshop\Eshop\Application\Controller\Admin\UserList',
51             'oxadmindetails' => '\OxidEshop\Eshop\Application\Controller\Admin\AdminDetails',
52             'ajaxlistcomponent' => '\OxidEshop\Eshop\Application\Controller\Admin>ListComponentAjax',
53             'article_list' => '\OxidEshop\Eshop\Application\Controller\Admin\ArticleList',
54             'oxshopidcalculator' => '\OxidEshop\Eshop\Core\ShopIdCalculator',
55             'details' => '\OxidEshop\Eshop\Application\Controller\ArticleDetailsController',
56             'oxbase' => '\OxidEshop\Eshop\Application\Controller\BaseController',
57             'alist' => '\OxidEshop\Eshop\Application\Controller\ArticleListController',
58             'user' => '\OxidEshop\Eshop\Application\Controller\UserController',
59             'guestbook' => '\OxidEshop\Eshop\Application\Controller\GuestbookController',
60             'account' => '\OxidEshop\Eshop\Application\Controller\AccountController',
61             'basket' => '\OxidEshop\Eshop\Application\Controller\BasketController',
62             'compare' => '\OxidEshop\Eshop\Application\Controller\CompareController',
63             'order' => '\OxidEshop\Eshop\Application\Controller\OrderController',
64         ];
65     }
66 }
```

# MIXINS

The screenshot shows the PhpStorm 2016.1.2 IDE interface. The main editor displays the following PHP code:

```
23
24 * @inheritdoc
25 * This class must be empty because of others eShop editions classes which can be used instead of it.
26
27
28 * @deprecated on b-dev. This class should not be used for direct extending. Please use parent class instead.
29
30 * @mixin \OxidEsaales\EshopEnterprise\Application\Model\Delivery
31 */
32 class oxDelivery extends \OxidEsaales\Eshop\Application\Model\Delivery
33 {
34 }
35
36 $delivery = oxNew("oxDelivery");
37 $delivery->
```

A tooltip is displayed over the class name `oxDelivery` on line 32, listing the following methods and their return types:

canUpdateField(field : string)	bool
delete([sOxid = null])	bool
disableLazyLoading()	void
exists([oxid = null])	bool
getAddSum()	float
getAddSumType()	string
getArticles()	array

The IDE interface includes a menu bar (File, Edit, View, Navigate, Code, Refactor, Run, Tools, VCS, Window, Help), a toolbar with various icons, and a breadcrumb navigation path: `eShop_editions > oxideshop_ce > source > Application > Model > oxdelivery.php`. The status bar at the bottom shows the time `37:12`, locale `LF`, encoding `ISO-8859-1`, and Git information `Git: master-shop_through...-3580`.



# STREAMLINED SHOP CORE

- Restructure core
- Move features to modules
- Compose everything in compilation