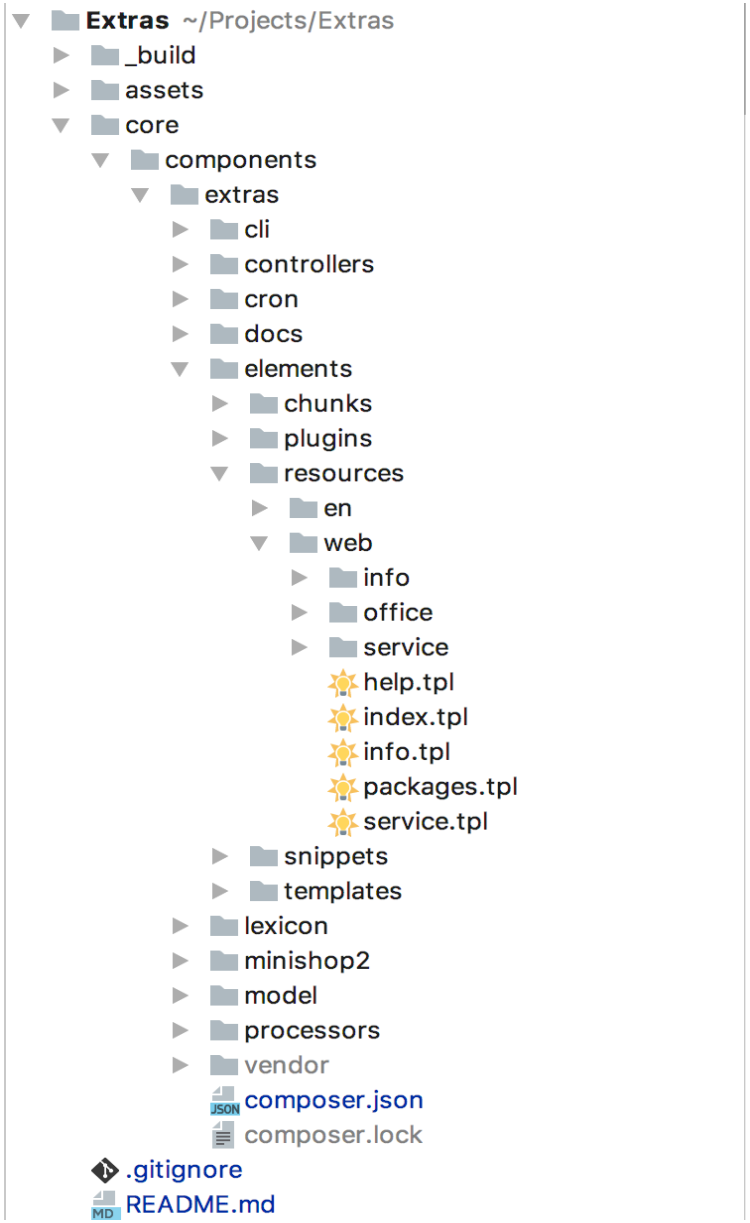
Update version modstore.pro

Primary targets

- Updating page proofs, input adaptability
- English version of the store
- Improvement of personal account, particularly the key support and governance section
- Refactoring of repository code as he used the outdated modRestServer
- Carry of supervisory section on frontend

It uses its own transport packet **Extras** for development, which:

- Set all patterns, snippets, chunks and resources
- Supply / change system settings, file source
- Set its own order handler miniShop2 and controllers of user account
- Copy and update scripts, patterns and images
- Allow to work conveniently with all of these from IDE PhpStorm and allow to use the version-control



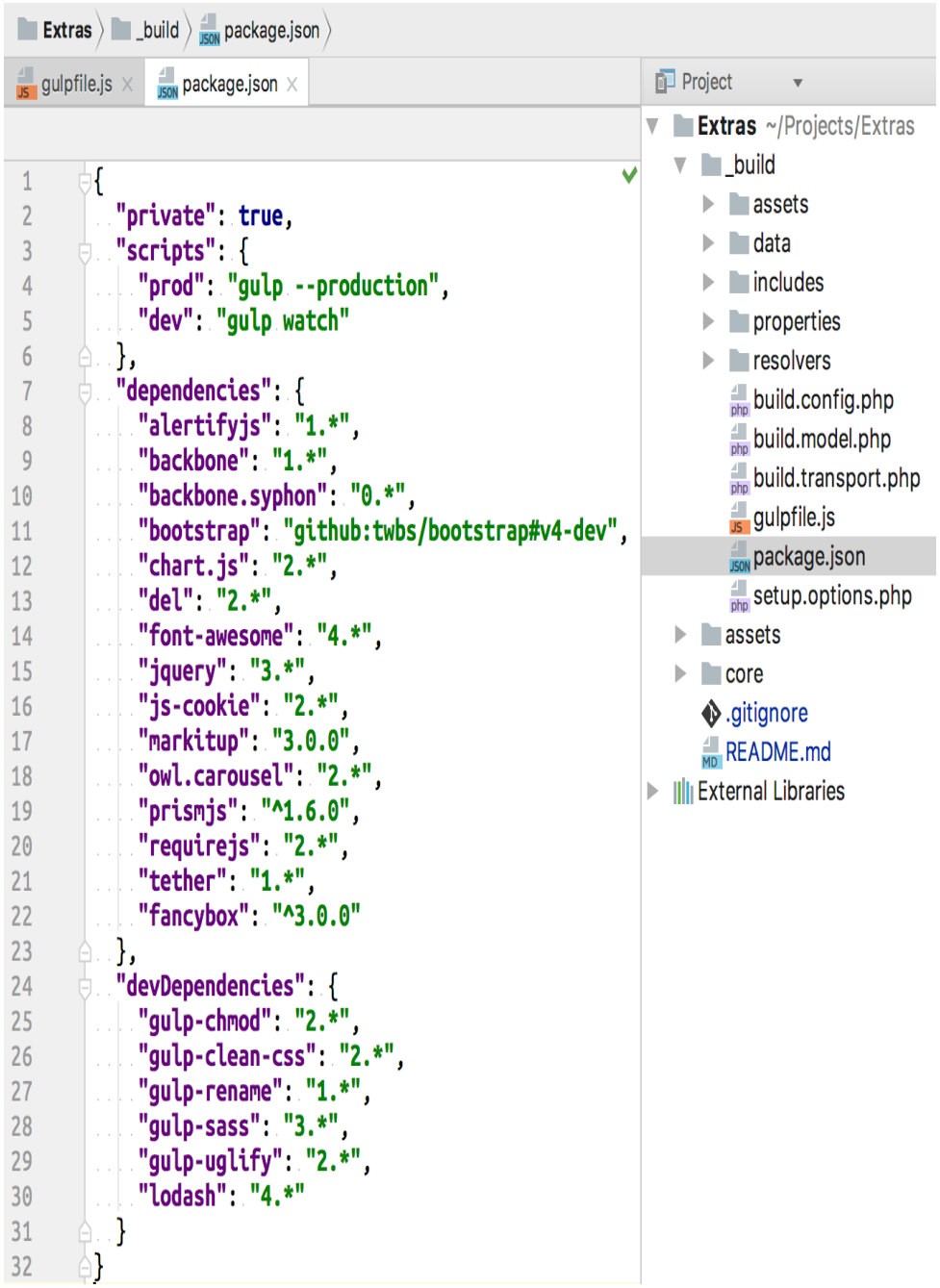
Implemented appendings

- miniShop2 + payment tools for store installation
- Office + HybridAuth for profile authorisation and reprogramming
- mSearch2 for searching and screening appendings
- Tickets for dividing supports
- pdoTools for supporting of work all these appendings and Fenom template engine

Frontend

- MinifyX complete rejection
- Files integration and minification via Gulp
- Using RequireJS for dividing scripts logic onto small modules

```
requirejs(["app/orders"],
        function(App) {
            App.Orders.init()
        }
);
```



- The scripts of appendings are copied and minificied by separate command of Gulp, in order to connect them as a part of main application
- Own initialization of scripts by appendings is **deactivated**, no of js at the head of page
- If required – these scripts are driven from the main application, by preliminary changing operation

```
requirejs.config({
    baseUrl: '/assets/components/extras/js/web/',
    urlArgs: 'v=' + document.head.querySelector('meta[name="assets-version"]').content,
    waitSeconds: 30,
    paths: {
        jquery: 'lib/jquery.min',
        bootstrap: 'lib/bootstrap.min',
        tether: 'lib/tether.req',
        backbone: 'lib/backbone.min',
        backbone_syphon: 'lib/backbone.syphon.min',
        underscore: 'lib/underscore.min',
        alertify: 'lib/alertify.min',
        jquery_owl: '/assets/components/extras/js/web/lib/owl.carousel.min',
        cookies: '/assets/components/extras/js/web/lib/js.cookie.min',
        prism: '/assets/components/extras/js/web/lib/prism.min',
        markitup: '/assets/components/extras/js/web/lib/markitup.min',
        chart: '/assets/components/extras/js/web/lib/chart.min',
        fancybox: '/assets/components/extras/js/web/lib/jquery.fancybox.min',
        minishop2: '/assets/components/extras/js/web/lib/minishop2.min',
        msearch2: '/assets/components/extras/js/web/lib/msearch2.min',
        jqui: '/assets/components/extras/js/web/lib/jquery-ui.min',
        pdopage: '/assets/components/extras/js/web/lib/pdopage.min',
    },
    shim: {
        bootstrap: {
            deps: ['jquery', 'tether']
        },
        underscore: {
            exports: '_'
        },
        backbone: {
            deps: ['underscore', 'jquery'],
            exports: 'Backbone'
        },
        alertify: {
            exports: 'alertify'
        },
        minishop2: {
            deps: ['jquery'],
            exports: 'miniShop2'
        },
        msearch2: {
            deps: ['jquery'],
            exports: 'mSearch2'
        },
```

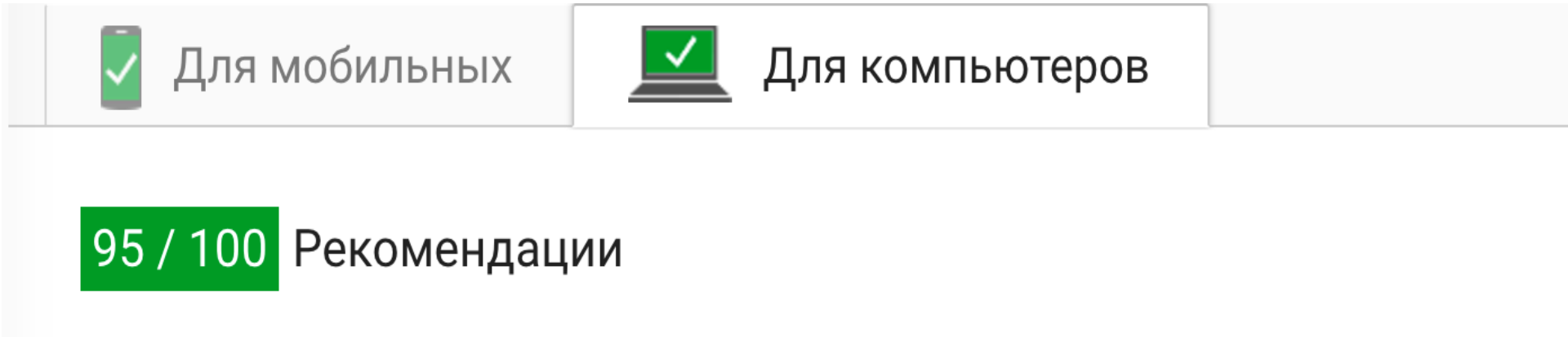
For example, miniShop2 initialization:

```
initMiniShop2: function () {
    miniShop2.Message = App.utils.Message;

        miniShop2.Cart.status = function (status) {
            var $miniCart = $(miniShop2.Cart.miniCart);
            if (status['total_count'] < 1) {
                $(App.Order.elem).modal('hide');
                $miniCart.removeClass(miniShop2.Cart.miniCartNotEmptyClass);
            }
            else {
                if (status['total_count'] > 0 &&   !$miniCart.hasClass(miniShop2.Cart.miniCartNotEmptyClass)){
                  $miniCart.addClass(miniShop2.Cart.miniCartNotEmptyClass);
                }
                $(miniShop2.Cart.totalCount).text(status['total_count']);
                if ($(miniShop2.Order.orderCost, miniShop2.Order.order).length) {
                    miniShop2.Order.getcost();
                }
            }
      };
```

**** feature updating does not break anything***

From this perspective

- Pages load as much quickly as possible



- Redundant code is not run
- Total control over javascript logic work of external appendings – since having the possibility to change almost every operation

So, these modules look like:

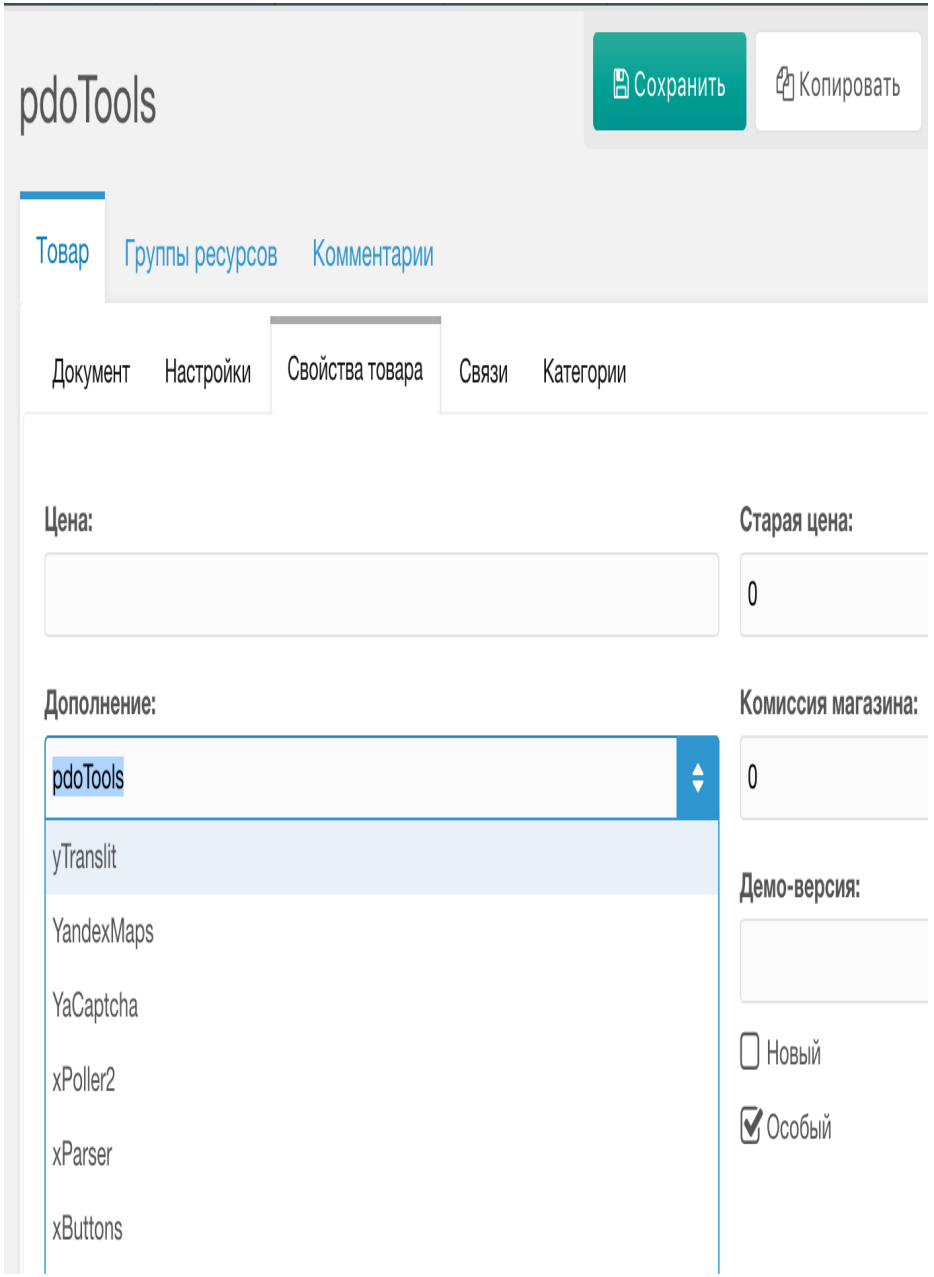
```
<script type="text/javascript">requirejs(["app", "app/office"]);</script>
    <div class="modal fade" id="order">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
                    <h4 class="modal-title">Загрузка...</h4>
                    <button type="button" class="close" data-dismiss="modal">
                        <span aria-hidden="true">&times;</span>
                    </button>
                </div>
                <div class="modal-body">
                    <i class="fa fa-cog fa-spin"></i>
                </div>
            </div>
        </div>
    </div>

<script type="text/javascript">requirejs(["app","app/order"]);</script>
<script type="text/javascript">requirejs(["app", "app/remote-comments"], function(App) {App.RemoteComments()});</script>
<script type="text/javascript">requirejs(["app", "app/index"]);</script>
</body>
</html>
```

**** every script is loaded only once***

English version

Items

- 2 scopes, for each case its own items miniShop2, connected with repository packets through *package* field
- Originators can edit them separately in user account, switching on or off as an option
- Extended class of a order checks keys and buying appendings at the time of the order



Lexicons are fairly well, but inconvenient

- There is a necessity to write them separately in chunks and wordindexes
- There is a necessity to track on internal logic of naming and remember which lines are already used
- Finally, the most important – there is a need to clean cache memory after nodding or changing the text, which makes a work via IDE complex

For these reasons a decision was taken to use lexicons only within PHP and Javascript.

Accessor $.en

Fenom allows to add operations from plugins on signal pdoToolsOnFenomInit:

```
$fenom->addAccessorSmart('en', 'en', Fenom::ACCESSOR_PROPERTY);
```

After that they can be used in formatting:

```
{if $.en}
    Long english text
{else}

Long Russian text

{/if}
```

Letter formalisation

- All letters are inherited from one pattern via Fenom
- For convenient tracking is used CSS classes

```
<style>
    body > table { width: 600px; margin: auto; }
    p { font-size: 16px; line-height: 22px; }
</style>
```

The point is that Gmail does not follow those styles – it requires to shape everything inline:

```
<p style="font-size: 16px; line-height: 22px;">
    My paragraph
</p>
```

Packagist has striking library for integration styles inline into appropriate tags - pelago/emogrifier.

But how to make it prepare **all** site letters?

It has emerged that very simple:

```
$modx->getService('mail', 'extraMail',
        MODX_CORE_PATH . 'components/extras/model/'
);
```

The trick is to do it foremost, for instance, by plugin OnMODXInit, after that modX::getService() will always load our extended class of working with mail.

Further on mere formality:

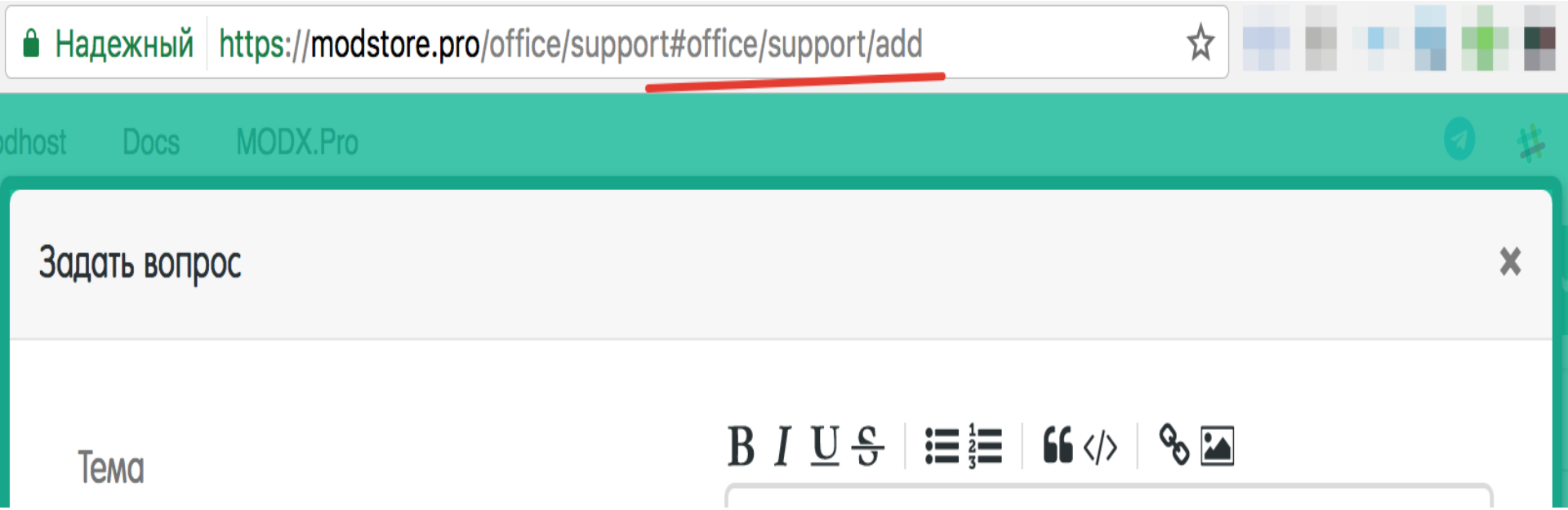
```
class extraMail extends modPHPMailer
{
    public function set($key, $value)
    {
        if ($key == modMail::MAIL_BODY) {
            // This is it – the integration styles into tags
            $emogrifier = new \Pelago\Emogrifier($value);
            $value = $emogrifier->emogrify();
        }

        parent::set($key, $value);
    }
```

So now we can easily shape letters, not writing manually styles into every tag.

User account

Main features:

- Single connector across inquirings
- Checking CSRF token
- Direct links for all actions



Exceptional features

- Capability to change the mode of payment for new orders
- Deleting the unpaid offers
- e-mail notification of originators about purchasing their appendings
- Favourites and attaching into basket from it, selectively a key
- Technical support with new version MarkItUp and syntax highlighting Prism

Thank you!