

Организация разработки

git, gitlab, ci/cd

git

Система контроля версий

- <https://git-scm.com>

git status

Показывает список измененных файлов

```
prodtime@d:~$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   root/bitrix/components/sibtorch/favourite.count/component.php
        modified:   root/bitrix/components/sibtorch/personal.favourite/component.php
        modified:   root/bitrix/components/sibtorch/personal.favourite/templates/.default/template.php
        modified:   root/catalog/ajax.php
        modified:   root/urlrewrite.php

no changes added to commit (use "git add" and/or "git commit -a")
prodtime@d:~$ █
```

git diff

Показывает список изменений в файлах

```
diff --git a/root/bitrix/components/sibtorch/favourite.count/component.php b/root/bitrix/components/sibtorch/favourite.count/component.php
index af5fba7..22df08f 100644
--- a/root/bitrix/components/sibtorch/favourite.count/component.php
+++ b/root/bitrix/components/sibtorch/favourite.count/component.php
@@ -48,7 +48,7 @@ if($USER->isAuthorized()){
     '!FAVOURITE_POS_ID' => NULL
 };

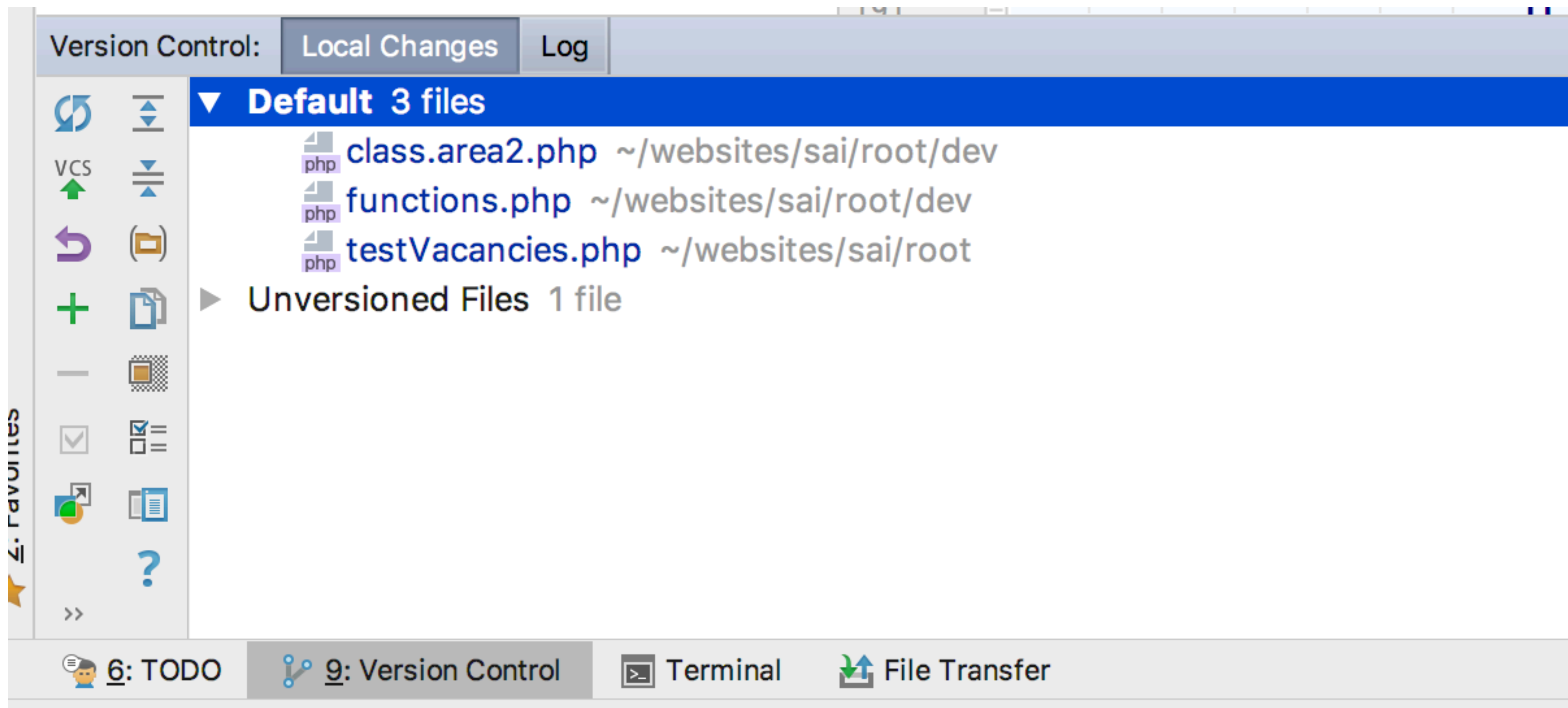
- $obEl = CIBlockElement::GetList(array(), $arFilter, FALSE, array(), array('PROPERTY_FAVOURITE_POS_ID'));
+ $obEl = CIBlockElement::GetList(array(), $arFilter, FALSE, false, array('PROPERTY_FAVOURITE_POS_ID'));

    $countElement = 0;
    while($arEl = $obEl->GetNext()) {
diff --git a/root/bitrix/components/sibtorch/personal.favourite/component.php b/root/bitrix/components/sibtorch/personal.favourite/component.php
index 8f8165d..9da4ffd 100644
--- a/root/bitrix/components/sibtorch/personal.favourite/component.php
+++ b/root/bitrix/components/sibtorch/personal.favourite/component.php
@@ -7,6 +7,14 @@ $arParams['IBLOCK'] = intval($arParams['IBLOCK']);
    CModule::IncludeModule("iblock");
    CModule::IncludeModule("catalog");

+$componentPage = CComponentEngine::ParseComponentPath(
+    '/personal/favourite/',
+    array(
+        "page" => 'page/#NUM_PAGER#/',
+    ),
+    $arVariables
+);
+
:
```

Интеграция с IDE

Не нужно запускать консольные команды



Интеграция с IDE

Не нужно запускать консольные команды

Side-by-side viewer Ignore whitespaces Highlight words 4 differences

1a94202ed762e12fbc5e02d69f19a241c45f4d7a (Read-only) Your version

```
curl_multi_remove_handle($cmh, $ch);
}
curl_multi_close($cmh);
}
return $areas;
}

function loader($area, $path = '/var/www/sai.vgroup.su/web/') {
//if ((1 == $area->settings['aid']) && ('resume' == $area->settings['type']))
return load_casperjs($area, $path);
/*} else {
return load_single($area, $path);
}*/
}

function load_casperjs($area, $path = '/var/www/sai.vgroup.su/web/') {
// putenv("PHANTOMJS_EXECUTABLE=" . PATH . "bin/phantomjs");
$output = array();
$file = $path . 'areas/' . $area->settings['aid'] . '_' . $area->aid . '_ar
$url = 'http://' . str_replace( search: 'http://', replace: '', $area->url);
$text = <<<TEXT
var casper = require('casper').create({
pageSettings: {
loadImages: false,
loadPlugins: false,
userAgent: 'Mozilla/5.0 (Macintosh; Intel Mac OS X 10_11_6) AppleWebKit
});
var fs = require('fs');

casper.start().open('$url').then(function() {
fs.write('$file', this.getPageContent());
});

casper.run();

TEXT;

$filename = '/tmp/php-casperjs-' . uniqid() . '.js';
file_put_contents($filename, $text);
exec( command: '/usr/local/bin/casperjs ' . $filename, $output);
// print_r($output);
```

```
71 71 curl_multi_remove_handle($cmh, $ch);
72 72 }
73 73 curl_multi_close($cmh);
74 74 }
75 75 return $areas;
76 76 }
77 77
78 78 function loader($area, $path = '/var/www/sai.vgroup.su/web/') {
79 79 //if ((1 == $area->settings['aid']) && ('resume' == $area->settings['type']))
80 80 return load_casperjs($area, $path);
81 81 /*} else {
82 82 return load_single($area, $path);
83 83 }*/
84 84 }
85 85
86 86 function load_casperjs($area, $path = '/var/www/sai.vgroup.su/web/') {
87 87 putenv( setting: "PHANTOMJS_EXECUTABLE=" . $path . "bin/phantomjs");
88 88 $output = array();
89 89 $file = $path . 'areas/' . $area->settings['aid'] . '_' . $area->aid . '_area
90 90 if (strpos($area->url, needle: "https:") !== false) {
91 91 $url = $area->url;
92 92 } else {
93 93 $url = 'http://' . str_replace( search: 'http://', replace: '', $area->url);
94 94 }
95 95 $text = <<<TEXT
96 96 var casper = require('casper').create({
97 97 pageSettings: {
98 98 loadImages: false,
99 99 loadPlugins: false,
100 100 userAgent: 'Mozilla/5.0 (Macintosh; Intel Mac OS X 10_11_6) AppleWebKit/5.
101 101 }
102 102 });
103 103 var fs = require('fs');
104 104
105 105 casper.start().open('$url').then(function() {
106 106 fs.write('$file', this.getPageContent());
107 107 });
108 108
109 109 casper.run();
110 110
111 111 TEXT;
112 112
```

git commit

Фиксирует изменения

```
prodtime@d:~$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   root/bitrix/components/sibtorch/favourite.count/component.php
        modified:   root/bitrix/components/sibtorch/personal.favourite/component.php
        modified:   root/bitrix/components/sibtorch/personal.favourite/templates/.default/template.php
        modified:   root/catalog/ajax.php
        modified:   root/urlrewrite.php

no changes added to commit (use "git add" and/or "git commit -a")
prodtime@d:~$ git commit -am "Любимые товары refs 2784"
[master 4e1b58b] Любимые товары refs 2784
 5 files changed, 52 insertions(+), 12 deletions(-)
prodtime@d:~$ git status
On branch master
nothing to commit, working directory clean
prodtime@d:~$
```


git log

Выводит список коммитов

```
commit 4e1b58bd06be28a31229c91ea24911bfc3a27125
```

```
Author: prodtime.d.deepsign.ru <vladimir@khvorostov.ru>
```

```
Date: Thu Jun 1 10:29:37 2017 +0700
```

```
Любимые товары refs 2784
```

```
commit f940015f40836c223dd0b117a8257cba1c94928f
```

```
Author: prodtime.d.deepsign.ru <vladimir@khvorostov.ru>
```

```
Date: Wed May 31 10:58:33 2017 +0700
```

```
правки в сумме заказа refs 2786
```

```
commit 91d06b45f566c560f385f8db0a9a563e972f29d6
```

```
Author: prodtime.d.deepsign.ru <vladimir@khvorostov.ru>
```

```
Date: Tue May 23 15:46:52 2017 +0700
```

```
сменил год в подвале сайта на текущий
```

```
commit a13f8e7e6cdb4969b90e301a60a28db60405eec2
```

```
Author: prodtime.d.deepsign.ru <vladimir@khvorostov.ru>
```

```
Date: Mon May 22 14:50:44 2017 +0700
```

```
Уменьшил интервал запуска агента по очистке брошенных корзин до 30 мин refs 3010
```

```
commit 8be11174996238d42b06d4d314ccca514ad6ba9d
```

```
Author: prodtime.d.deepsign.ru <vladimir@khvorostov.ru>
```

```
Date: Fri May 19 23:37:52 2017 +0700
```

```
неактивный товар теперь нельзя добавить в корзину refs 2786
```


Интеграция с IDE

git log в IDE выглядит так

| Version Control: Local Changes Log | | | |
|---|--------------|-----------------|--|
| <div>Q</div> <div>Branch: All User: All Date: All Paths: All</div> <div>origin & master</div> | | | |
| Отключил сортировку по адресу в списках объектов refs 3366 | vkhvorostov | 31.05.17, 14:56 | |
| Изменить карточку объекта refs 3358 | vkhvorostov | 30.05.17, 14:15 | |
| Баг: стрелки слайдера улетают refs 3346 | vkhvorostov | 30.05.17, 12:49 | |
| Изменения контента с рабочего сайта | anpalitra.ru | 26.05.17, 10:58 | |
| Добавление ЖК и задержка выпадающего меню refs 2644, 3102 | vkhvorostov | 26.05.17, 7:41 | |
| links and paragraphs in news and articles fix | vkhvorostov | 12.05.17, 16:47 | |
| news title underline fix | vkhvorostov | 10.05.17, 23:20 | |
| смотреть все fix | vkhvorostov | 10.05.17, 22:59 | |

git log

и др. команды имеют параметры

```
$ git log --pretty=format:"%h %s" --graph
* 2d3acf9 ignore errors from SIGCHLD on trap
* 5e3ee11 Merge branch 'master' of git://github.com/dustin/grit
|\
| * 420eac9 Added a method for getting the current branch.
* | 30e367c timeout code and tests
* | 5a09431 add timeout protection to grit
* | e1193f8 support for heads with slashes in them
|/
* d6016bc require time for xmlschema
* 11d191e Merge branch 'defunkt' into local
```

Системы совместной работы, основанные на git

- <https://github.com>
- <https://gitlab.com>
- <https://bitbucket.org/>

Bitbucket, например, выглядит так

</>anpalitra

Overview

Source

Commits

Branches

Pull requests

Pipelines

Downloads

Settings

SHARE YOUR THOUGHTS

Give feedback

Turn off new nav

Vladimir Khvorostoveb6f204все квартиры в этом доме slider fix2017-05-10

Vladimir Khvorostov00c24d8news mobile fix2017-05-10

Vladimir Khvorostov1cefe51realtor photo fix2017-05-09

Vladimir Khvorostov9b67c97special offers and builders fix2017-05-09

Vladimir Khvorostove8924abphp in images fix2017-05-09

Vladimir Khvorostovf9065e7Новостройки fix2017-05-09

Vladimir Khvorostov

Vladimir Khvorostov

?anpalitra

?anpalitra

?anpalitra

?anpalitra

?anpalitra

?anpalitra

?anpalitra

?anpalitra

?anpalitra

Vladimir Khvorostov

Vladimir Khvorostov

Vladimir Khvorostov

</>platforma

Overview

Source

Commits

Branches

Pull requests

Pipelines

Downloads

Settings

SHARE YOUR THOUGHTS

Give feedback

Turn off new nav

Develop

OverviewCommitsActivity

AuthorVladimir Khvorostov

ReviewersNo reviewers

Description

- faq fix refs 2480
- faq fix refs 2480

Comments (0)

What do you want to say?

Files changed (5)

- +7 -3 M local/templates/platforma/components/bitrix/news.list/faq/template.php
- +9 -1 M local/templates/platforma/components/bitrix/search.page/faq/template.php
- +3 -1 M local/templates/platforma/css/local.css
- +5 -4 M local/templates/platforma/css/style.css
- +1 -1 M local/templates/platforma/js/main.js

local/templates/platforma/components/bitrix/news.list/faq/template.phpMODIFIEDSide-by-side diffView fileComment...

1717\$this->AddEditAction(\$arItem['ID'], \$arItem['EDIT_LINK'], CIBlock::GetArrayByID(\$arItem["IBLOCK_ID"], "ELEMENT_EDIT"));

1818\$this->AddDeleteAction(\$arItem['ID'], \$arItem['DELETE_LINK'], CIBlock::GetArrayByID(\$arItem["IBLOCK_ID"], "ELEMENT_DELETE"), array(\$_REQUEST));

1919?>

20- GetEditAreaId(\$arItem['ID']);?>" class="question list-2-item">

20+ <div id=?=\$this->GetEditAreaId(\$arItem['ID']);?>" class="question list-2-item">

2121<div class="ask clearfix">

2222<div class="list-2-left"><i class="fa ion-ios-help-outline" aria-hidden="true"></i></div>

2323<div class="list-2-right">

Workflow

- Gitflow: <https://habr.com/ru/post/106912/>
- Критика gitflow: <https://habr.com/ru/company/flant/blog/491320/>
- Github flow: <https://docs.github.com/en/get-started/quickstart/github-flow>
- Gitlab flow: <https://habr.com/ru/company/softmart/blog/316686/>

CI/CD

Continuous integration / delivery

- Цель CI — обеспечить последовательный и автоматизированный способ сборки, упаковки и тестирования приложений.
- Непрерывная поставка начинается там, где заканчивается непрерывная интеграция. Она автоматизирует развертывание приложений в различные окружения (test, staging, production).
- Подробнее см., например, <https://habr.com/ru/company/otus/blog/515078/>

Пример простого CI/CD в gitlab

- 🚀 CI/CD
 - Pipelines
 - Editor**
 - Jobs
 - Schedules
- 🛡️ Security & Compliance
- 📦 Deployments
- 🖥️ Monitor
- 🏠 Infrastructure
- 📁 Packages & Registries
- 📊 Analytics
- 📖 Wiki

🔗 Browse templates

```
1 stages:
2   - deploy
3
4 deploy:
5   image: alpine:latest
6   stage: deploy
7   script:
8     - apk add --no-cache openssh sshpass npm
9     - mkdir -p ~/.ssh
10    - echo "$SSH_PRIVATE_KEY" >> ~/.ssh/id_rsa
11    - chmod 600 ~/.ssh/id_rsa
12    - echo -e "Host *\n\tStrictHostKeyChecking no\n\n" > ~/.ssh/config
13    - npm i -g gulp
14    - npm install
15    - gulp build
16    - sshpass -p $HOST_PASSWORD scp -r build/* $HOST_USER@$HOST_NAME:public_html/html
17 only:
18   - master
```