

PHP infrastructure:

how we code, test & deploy

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Intro

- Git & github
- PSR - 0, 1, 2, 3
- Tools - composer & etc..
- Symfony components
- Symfony Bundles
- Community

Composer

- packages
- repositories
- require
- require-dev
- scripts



Packagist

The PHP package archivist.

Satis

- install - composer create-project composer/satis
- edit satis.json:

```
{  
    "name": "local packagist", "homepage": "http://local.packagist.it/",  
    "repositories": [ { "type": "vcs", "url": "git@git:vendor/bundle.git" } ],  
    "require": { "vendor/bundle" : "*" }  
}
```

- bin/satis build satis.json web/

Estina Composer Repository

Adding the repository to `composer.json`:

```
{
  "repositories": [
    {
      "type": "composer",
      "url": "http://repos.estina.lt/"
    }
  ]
}
```

Filter by package name:

estina/isign-adoc

ADoc - document signed with digital signature. Lithuanian standart.

Authors	Zilvinas Kuusas
Releases	dev-master , dev-develop
Required by	

estina/isign-provider1

mSignature wrapper library for LT mobile providers implementation

Homepage	http://www.isign.lt
Authors	Estina
Releases	dev-master , dev-develop
Required by	

estina/isign-pdf

PDF pasirašymo servisas

Authors	Zilvinas Kuusas, Paulius Podolskis
Releases	dev-master , dev-develop
Required by	

estina/isign-provider2

mSignature wrapper library for foreign CA providers implementation

Homepage	http://www.isign.lt
Authors	Estina
Releases	dev-master
Required by	



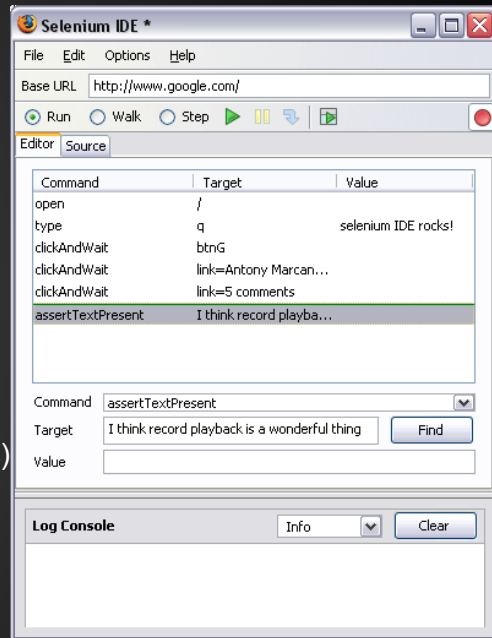
Testing

- phpunit
- Symfony web crawler
- Selenium
 - IDE
 - Server + webdrivers (safari, chrome, Internet Explorer, etc)
 - phpunit_selenium

```
wSuFF-MacPro:isign-pdf (develop) $ ./bin/phpunit -c .
PHPUnit 3.7.28 by Sebastian Bergmann.
```

```
Configuration read from /Users/wSuFF/Sites/isign/isign-pdf/phpunit.xml
```

```
.....I...
```



Building

- Tests
- Linters
- CodeCoverage
- phpcs, phpmd, phpcpd, phpdpd, phpdepend

Build engines

- jenkins - java
- phing - apache ant
- travis-ci - ruby
- phpUnderControl on CruiseControl - java
- phpci - php
- sismo - php

Sismo

- wget <http://sismo.sensiolabs.org/get/sismo.php>
- setup apache/nginx & env

```
SetEnv SISMO_DATA_PATH "/path/to/sismo/data"
```

```
export SISMO_DATA_PATH=/path/to/sismo/data/
```

```
SetEnv SISMO_CONFIG_PATH "/path/to/sismo/config.php"
```

```
export SISMO_CONFIG_PATH=/path/to/sismo/config.php
```

- sismo.php build
- cronjob || hooks `* * * * * php sismo.php --quiet`
- Notifications - dbus, irc, mail, cctray, ccmonitor



iSignSelenium

succeeded

iSignProvider1

succeeded

iSignPDF

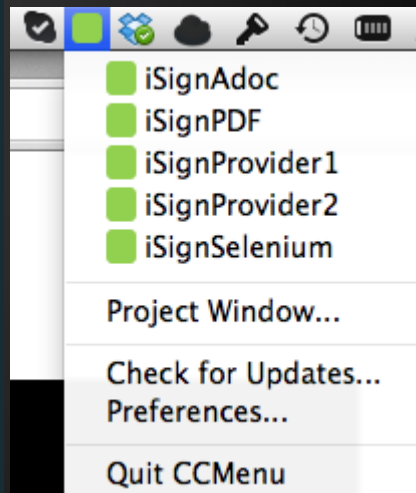
succeeded

iSignProvider2

succeeded

iSignAdoc

succeeded

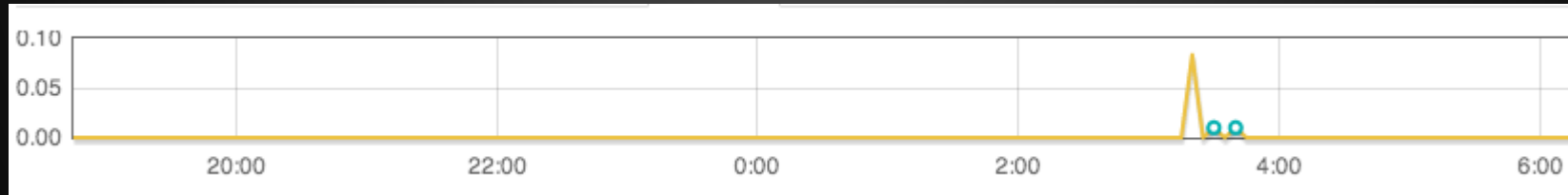


Deployment

- `git pull`
- `composer install || update - composer.lock`
- `make scripts`
- `capistrano`, `capifony`, etc.

Logging

- jenkins
- logentries.com



Thank you! Questions?

