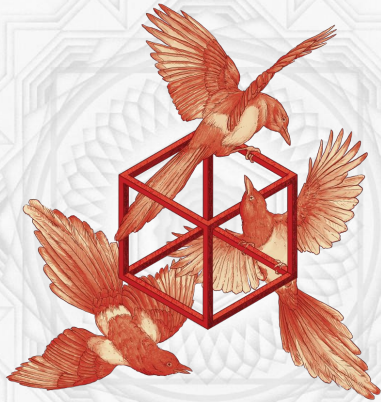




passbolt 

Open source password
manager for teams

**"80% of security incidents
are due to poor password
management policies."**

~ Trustwave

“Each year, over **125 millions hours** of productivity are lost due to passwords management problematics.”

~ Programmez.com

Passbolt - The simple pass... x +

passbolt.dev/#

passwords users logout

passbolt search passwords

create copy edit share more

All items

Favorite
Recently modified
Shared with me
Items I own

All items

Resource	Username	Password
☐ ★ Resource		
☐ ★ Inkscape	vector	.....
☐ ★ Enlightenment	efl	.....
☐ ★ free software foundatio...	fsfe	.....
☐ ★ ftp	user	.....
☐ ★ Docker	docker	.....
☐ ★ Gogle	grd	.....
☐ ★ Debian	jessy	.....
☐ ★ framasoft	framasoft	.....
☐ ★ Gnupg	gpg	.....
☐ ★ Git	git	.....
☐ ★ composer	getcomposer	.....
☒ ★ cakephp	cake	.....
☐ ★ apache	www-data	.....
☐ ★ Canjs	yeswecan	.....
☐ ★ centos	root	.....
☐ ★ bower	bower	.....

success The password has been added as a favorite

cakephp

Information

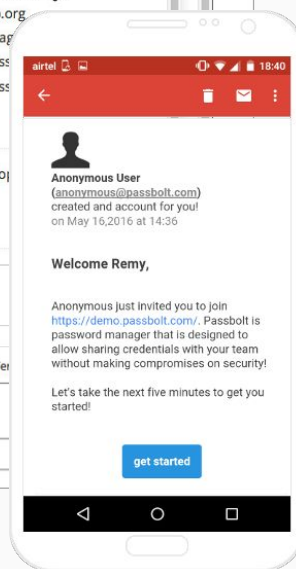
Username cake
Password
URL cakephp.org
Modified 10 days ago
Modified by ada@passbolt.com
Owner ada@passbolt.com

Description

The rapid and tasty php develop...

Comments

add a comment





Libre

Passbolt is distributed under AGPL. It can be hosted on premises for complete control of data.



Open standards

Passbolt provides a tested and auditable codebase with a security model based on OpenPGP.



Extensible

Passbolt can be integrated with emails and as well as other tools using the API.



Made for teams

Passbolt is primarily designed for teams, to make secure collaboration easier.



Easy to use

Provide advanced features for power users and stay out of the way for everyone else.

Login | Passbolt

passbolt.dev/auth/login

home

registerlogin

Welcome back!



Nice one! Firefox plugin is installed and configured. You are good to go!



The server identity is verified!

We ♥ open source

Passbolt is free and open source. It uses OpenPGP.js, CanJS, Cakephp and more.

github

Chrome Extension

A Chrome Extension for Passbolt is also under development but not available at the moment.



available in the
chrome web store

passbolt

Username *

ada@passbolt.com

Master password *

password

ada

Please enter your secret key password

login

ALPHA

Terms

Privacy

Credits

passbolt

Passbolt - The simple pass... x

passbolt.dev/#

Search

☆ ⌵ ⬇ ⏠ 🔴 ≡

passwords users

logout

passbolt

search passwords

Q

 **Ada Lovelace**
ada@passbolt.com

create

copy

edit

share

more

i

All items

Favorite

Recently modified

Shared with me

Items I own

All items

☐	★	Resource	Username	Password
☐	★	Inkscape	vector	•••••••• 🔗
☐	★	Enlightenment	efl	•••••••• 🔗
☐	★	free software foundatio...	fsfe	••••••~ 🔗
☐	★	ftp	user	••••••~ 🔗
☐	★	Docker	docker	••••••~ 🔗
☐	★	Grogle	grd	••••••~ 🔗
☐	★	Debian	jessy	••••••~ 🔗
☐	★	framasoftware	framasoftware	••••••~ 🔗
☐	★	Gnupg	gpg	••••••~ 🔗
☐	★	Git	git	••••••~ 🔗
☐	★	composer	getcomposer	••••••~ 🔗
☒	★	cakephp	cake	••••••~ 🔗
☐	★	apache	www-data	••••••~ 🔗
☐	★	Canjs	yeswecan	••••••~ 🔗
☐	★	centos	root	••••••~ 🔗
☐	★	bower	bower	••••••~ 🔗

cakephp

Information

Username

cake

Password

••••••~ 🔗

URL

cakephp.org 🔗

Modified

10 days ago

Modified by

ada@passbolt.com

Owner

ada@passbolt.com

Description

The rapid and tasty php development framework

Comments



add a comment

success

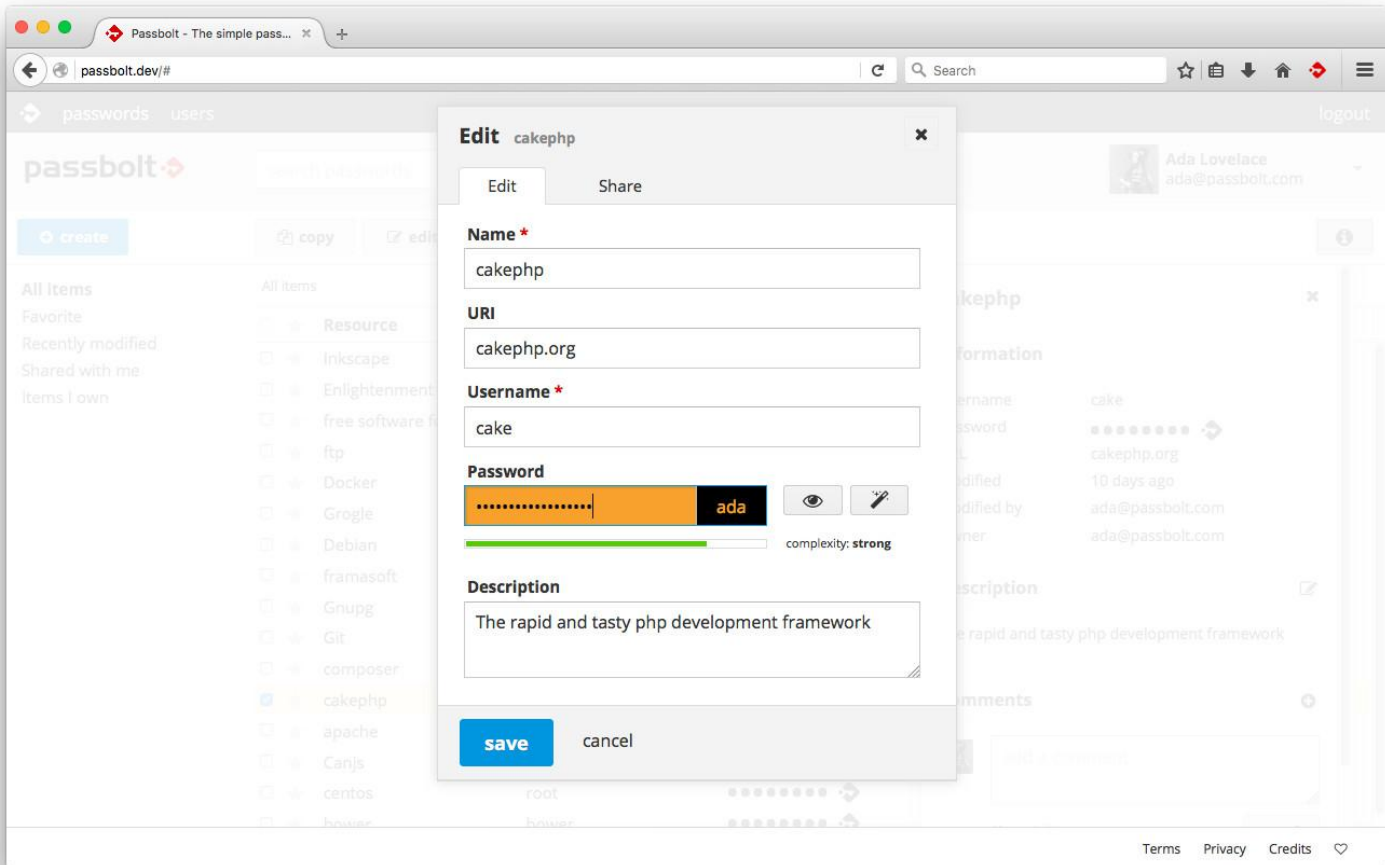
The password has been added as a favorite

Terms

Privacy

Credits

♥



Passbolt - The simple pass... x +

passbolt.dev/#

passwords users

passbolt

create

copy edit

All Items

Favorite

Recently modified

Shared with me

Items I own

Resource

Inkscape

Enlightenment

free software f

ftp

Docker

Grogle

Debian

framasoft

Grnupg

Git

composer

cakephp

apache

Canjs

centos

houser

Share cakephp

Edit Share

Ada Lovelace
ada@passbolt.com

is owner

Betty Holberton
betty@passbolt.com

can update

Carol Shaw
carol@passbolt.com

can read

Dame Steve Shirley
dame@passbolt.com

can read

Share with people

E ada

Frances Allen
98DA33350692F21BD5F83A17E8DC5617477FB14C

Kathleen Antonelli
14D07AFFDE916BC904F17AFB4D203642A73AE279

Jean Bartik
8F758E3BDD8445361A8A6AD073BAC28524AA11...

yeswecan

root

houser

logout

Ada Lovelace
ada@passbolt.com

cakephp

Information

username: cake

password: *****

cakephp.org

modified: 10 days ago

modified by: ada@passbolt.com

owner: ada@passbolt.com

Description

the rapid and tasty php development framework

Comments

add a comment

Terms Privacy Credits

Passbolt - The simple pass...

passbolt.dev/#

Search

☆

📄

⬇

🏠

🔴

☰

passwords

users

logout

passbolt

search people

Q



Ada Lovelace
ada@passbolt.com

▼

ⓘ

All users

Recently modified

All users

☐	User	Username
☐	 Frances Allen	frances@passbolt.com
☐	 Kathleen Antonelli	kathleen@passbolt.com
☐	 Jean Bartik	jean@passbolt.com
☐	 Edith Clarke	edith@passbolt.com
☐	 Irene Greif	irene@passbolt.com
☐	 Betty Holberton	betty@passbolt.com
☐	 Grace Hopper	grace@passbolt.com
☐	 Lynne Jolitz	lynne@passbolt.com
☐	 Hedy Lamarr	hedy@passbolt.com
☐	 Nancy Leveson	nancy@passbolt.com
☐	 Ada Lovelace	ada@passbolt.com
☒	 Carol Shaw	carol@passbolt.com



Carol Shaw
carol@passbolt.com

✕

Information

Role

User

Modified

11 days ago

Public Key

Key id

82945D3E

Type

RSA

Created

2015-07-02 16:55:12

Expires

2019-07-02 16:55:12

Public key

copy

-----BEGIN PGP PUBLIC KEY BLOCK-----

Comment: GPGTools - https://gpgtools.org

mQINBFWVH5gBEAD13Pyvzhciv

Terms

Privacy

Credits

♥

Passbolt - The simple pass... x +

passbolt.dev/#

Search

☆ 📁 ⬇️ 🏠 🔴 ☰

passwords users

logout

passbolt.🔴

search people

Q

 **Ada Lovelace**
ada@passbolt.com

▼

edit

My profile
Manage your keys

All users > Ada Lovelace > Profile

Profile



 Click here to upload a new picture.

Name

Ada Lovelace

Email

ada@passbolt.com

Role

user

Modified

10 days ago

Created

10 days ago

Public key

5D9B054F

Note: Sorry, it is not possible to change your key at the moment.

Terms

Privacy

Credits

♥

```
Last login: Wed May 18 18:37:24 on ttys002
~ $ passbolt find
NAME                                USERNAME                                URI                                MODIFIED                                UUID
Inkscape                            vector                                https://inkscape.org/            2016-05-15 16:04:49 17c66127-0c5e-3510-a497-2e6a105109db
Enlightenment                      efl                                  https://www.enlightenment.org/  2016-05-15 16:04:49 2af40344-b330-30a8-ac26-64b2776f07e0
free software foundation europe     fsfe                                  https://fsfe.org/index.en.html  2016-05-15 16:04:49 31bf093f-dd27-391d-ae9d-f511ef41dd12
ftp                                  user                                  ftp://192.168.1.1                2016-05-15 16:04:49 4a2f98e8-b326-3384-aa2b-c3c9a81be3f7
Docker                              docker                              https://www.docker.com/         2016-05-15 16:04:49 664735b2-4be7-36d9-a9f8-08d42998faf8
Grogle                              grd                                  http://fr.groglan.wikia.com/wiki/Grogle 2016-05-15 16:04:49 8010a5ef-1e57-3981-abd1-98521c2622d6
Debian                              jessy                                passbolt.dev                    2016-05-15 16:04:49 a9b3ae3c-9d12-39a3-afda-a4863b918989
framasoft                           framasoft                           https://soutenir.framasoft.org/  2016-05-15 16:04:49 c1a19589-752f-3b9f-a0be-e258a077af59
Gnupg                               gpg                                  gnupg.org                      2016-05-15 16:04:49 cf6bf684-8f38-338d-a7c1-65011e7d3ded
Git                                  git                                  git-scm.com                    2016-05-15 16:04:49 e5b4e2bd-29fd-3dc8-aca0-401e55a343ae
composer                            getcomposer                          getcomposer.org                 2016-05-15 16:03:49 d547d43a-9f21-30f6-ae31-66f9258bbe17
cakephp                             cake                                  cakephp.org                    2016-05-15 15:04:49 524b4f8c-b842-38d6-a542-6bf714df6099
apache                              www-data                            http://www.apache.org/         2016-05-14 16:04:49 1a3db9d4-7840-342f-a9e5-cf80123a5443
Canjs                               canjs.com                          2016-05-08 16:04:49 a93321f2-7aed-3d77-a2d1-7e058f41b7b9
centos                              root                                centos.org                     2016-04-15 16:04:49 b84103c2-3b50-3250-a5bb-9fb2272c3cca
bower                               bower                              bower.io                       2015-05-15 16:04:49 4241e122-62d8-340c-a607-150d8ca0c5c5

~ $ passbolt get cf6bf684-8f38-338d-a7c1-65011e7d3ded
-----BEGIN PGP MESSAGE-----
Version: GnuPG v2

hQIMAIp900k1JHA+ARAAmp59nJ0yb4awNB09x32Vn01ggw77571EGjnBA0gX0wQD
+maNj19YiU9Wx8vM77WuU08o705uXzf6mpo/QgK1pyoN10n0v1AYUoKdTuCzdUKG
5eS8DUb4SA/XD105ywkRkRdwOm/B10vfwCFPqX1kacivBa3RBR2uoJGMSw0sJAQ
zUZZ512IMWUhwCzgALcAr84NaUfB5Tb1VLArdVad6x5/qzGFca2FrIs+mBq2dVuk
X0Jy+jmWxaob2EDJVm49rcrkrfWbHDtmkK1eAJZnGwrhs0T1PBikSX0orILLdkJD
VFC5X4a8kK6SeW049fwC/Q8NBc7at3zvstrie+ao0e/gM0hCHTUu64z/h8hQNWw
Jhx1fyTdLGHg9J7jPKUPgkv1355vYpeY4Nzk70/hc7tDD0EYDlqVtTnUd1VYV1iHn
G04qkjyIog7W0y0F0+DaA6+MANVpVDfj0DUzLwr5ef7Zkfw0XkfG0rSyIfui9d
gsuoTc74n61T9dTxx/Vp9uPU7nLR+mRRSuxQy/tdinI7jEN5f2198ikX+0xU5Q1v
M+XLWLKXW+hjUcb1+36Uht12D5TeW4GL7QEcPT/mteNw0gHPBkJECdKg8m0SX7
L16nSkABJ+I30131bOKL360HH22tCdUMYGP5Qj0wJafy2Uiyid1w8+TAoRAImnS
QQFAaEJ7c2o2B05cLIVD/rhP/zJjAV1uU0nJwe6EEExpMTL91w38MZj+q4Vjfrw2q
INWhsjl+27LC1QNmH8RNVpCe
-BBft
-----END PGP MESSAGE-----

~ $
```

“I must be a cranky system administrator because I find idea of using nodejs for a CLI extremely tiresome in a ‘get off my lawn’ sort of way.” ~ bithive123

“Can you please develop faster?”

~ Laura

In progress

Q1 2016



Groups

Associate people and passwords with groups to manage access rights.



API Documentation

Api documentation done in swagger. You can build on top of passbolt!



Risk analysis

A complete review of the security risks and counter measures.

Q2 2016



Import / Export

Import and export your passwords from/to other password managers.



Audit logs

Browse the access logs to see who is doing what on passbolt.



Email notifications

Get nudged when someone change a password, posted a comment, etc.

* timelines and priorities can change

Share Passbolt

Edit

Share

	Ada Lovelace ⓘ Unchanged	Owner	x
	Carol Shaw ⓘ Unchanged	Can edit	x
	Frances Alen ⓘ Permission will change	Can read	x
	IT Support ⓘ Will be added	Can edit	x

You need to save to apply the changes.

Share with people or groups

CKR

save

cancel

Checkout
the specs &
fill out the
survey!

What's next



Security audit

An independent 3rd party security review of the code.



Accessibility

Better support for screen readers and higher contrast ratio options.



Second factor authentication

Login requires an additional code sent to your phone.



Categories and tags

Organize passwords using tags and folders, just like on a file system tree.



Mobile support

Android and iPhone clients. Choose which password is available for which device.



Guided tour

Get familiar with passbolt features the first time you login.



Form saving and filling

The plugin can save passwords from web pages and populate login forms.



LDAP Integration

Integrate passbolt with your organization user directory.



Secure notes

Store other secrets than a password such as notes.



Internationalization

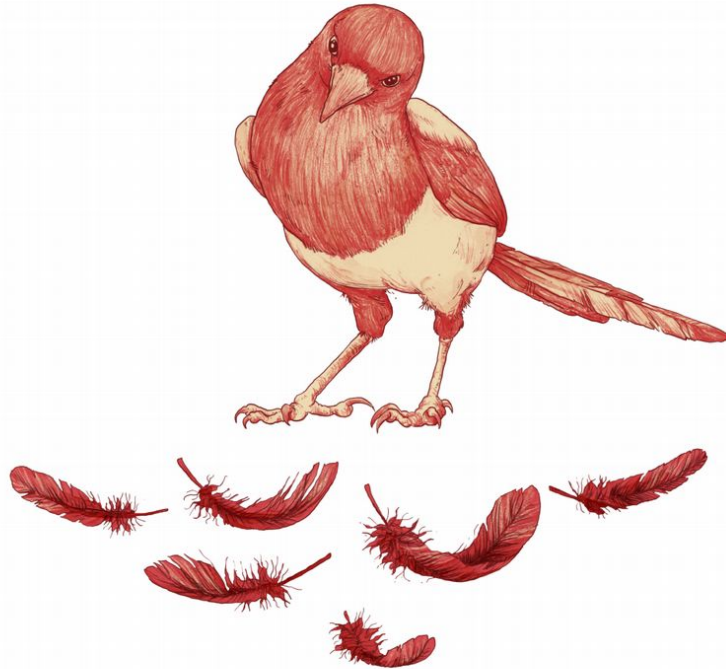
The interface and documentation are translatable in multiple languages.



Advanced keyring management

Manually approve and sign keys to build a network of trust.

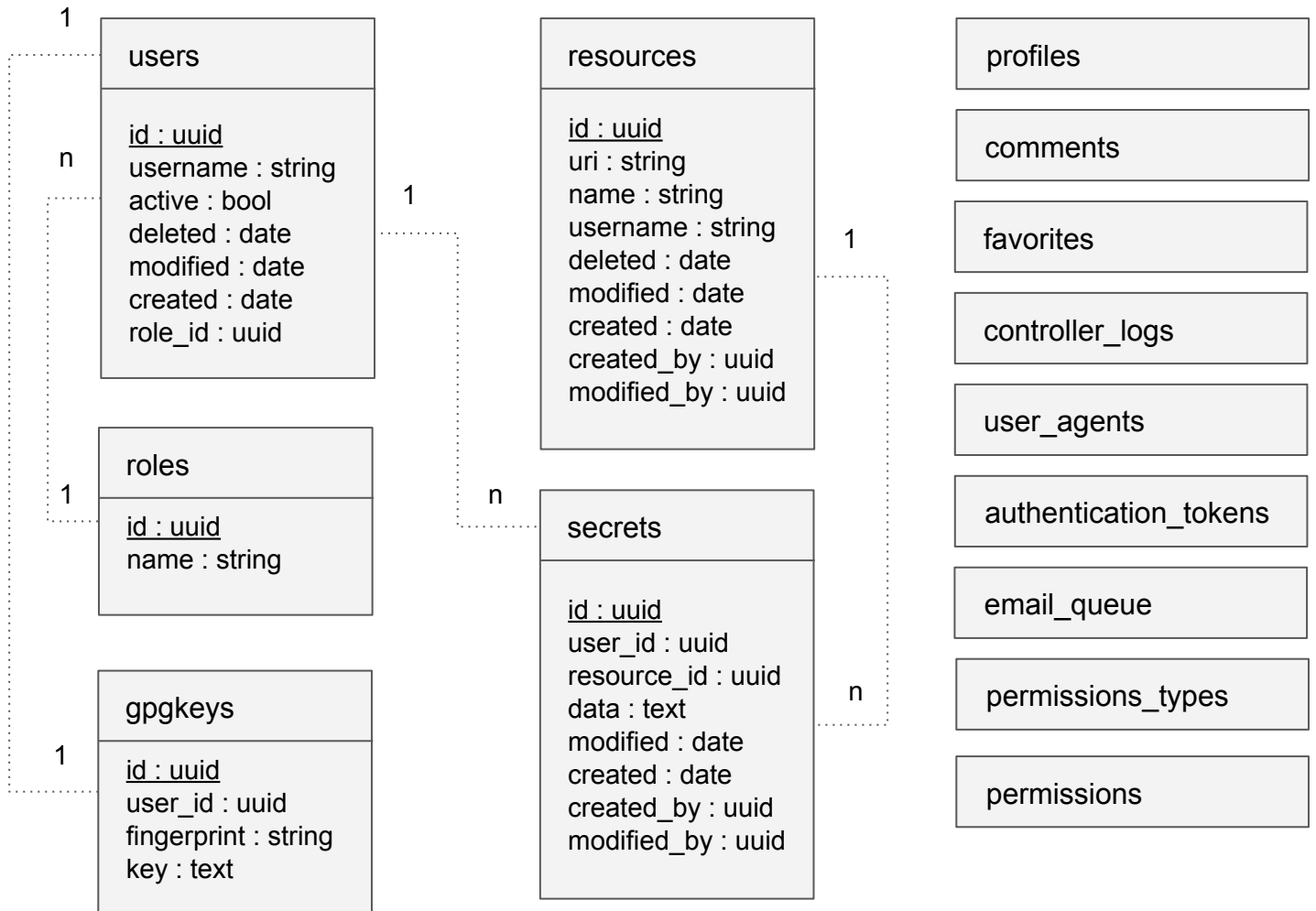
How does it work?



Open source stack

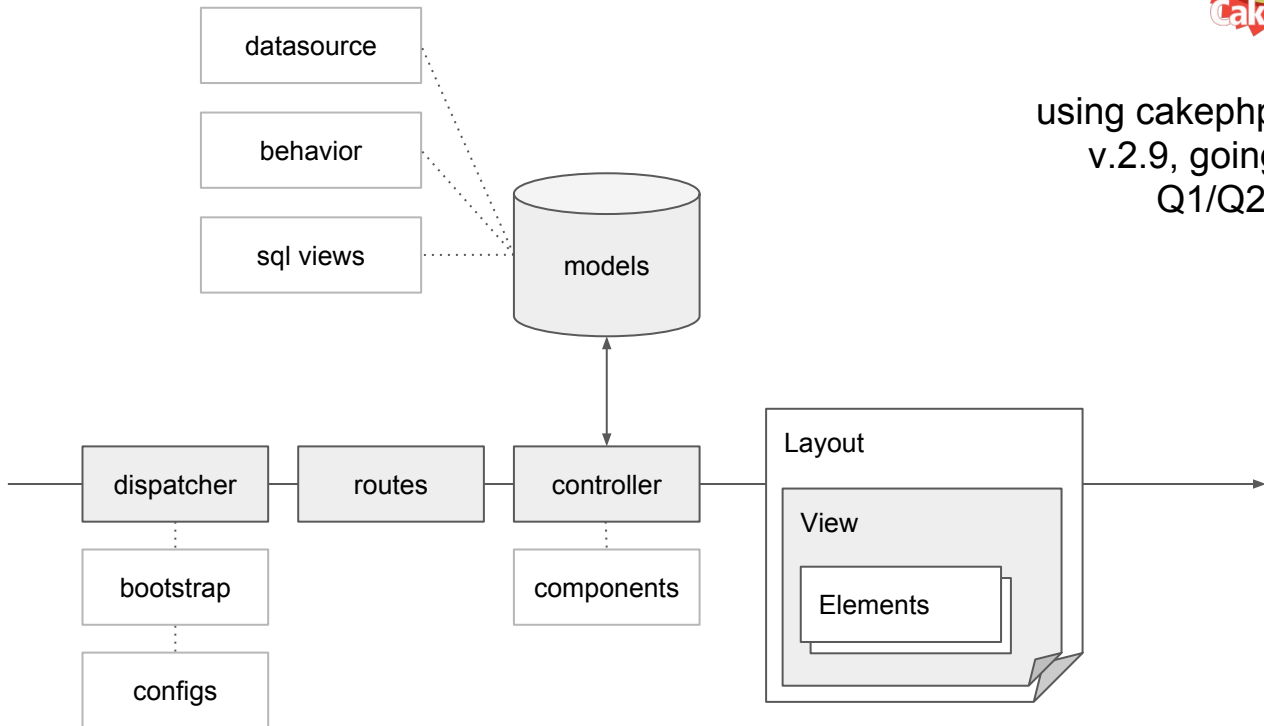


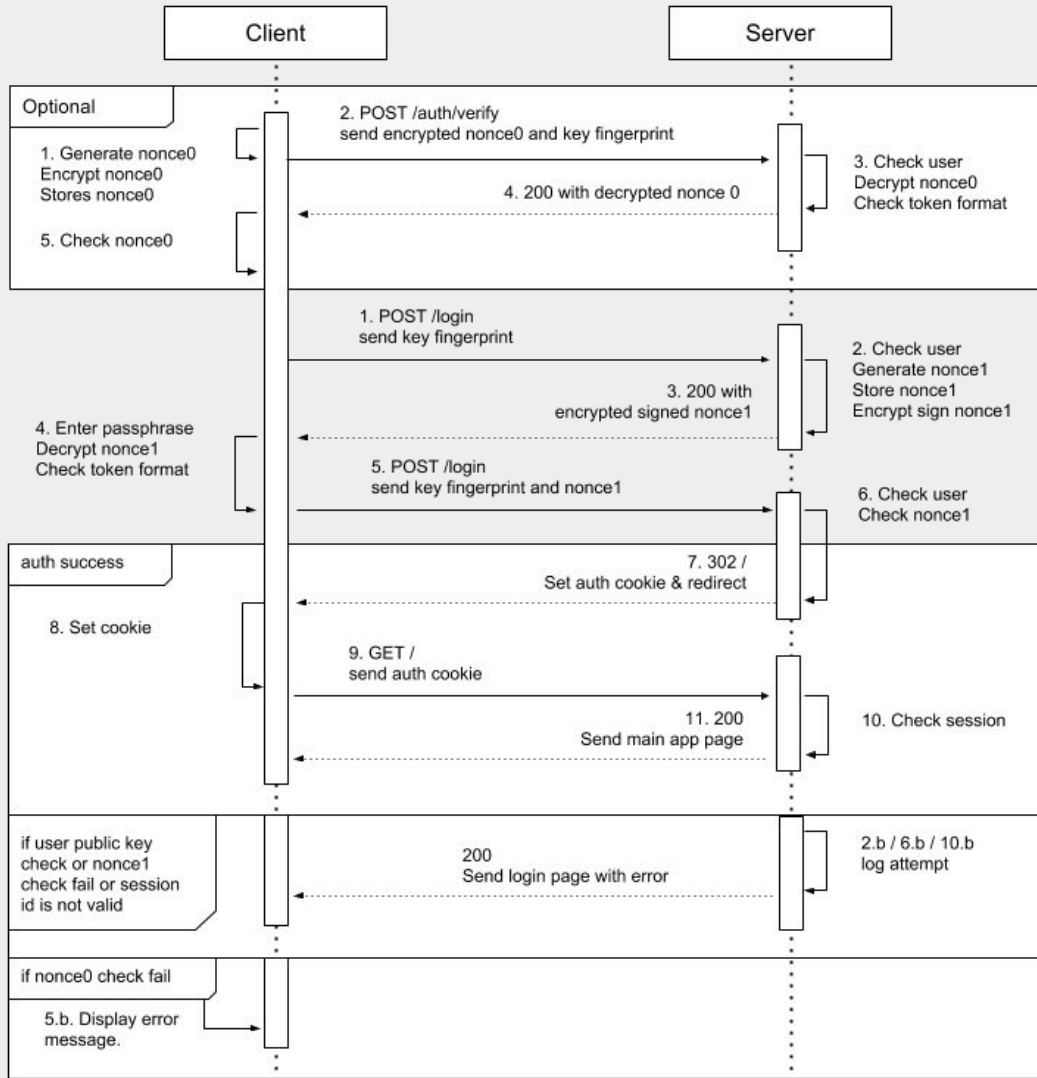
More at <https://www.passbolt.com/credits>

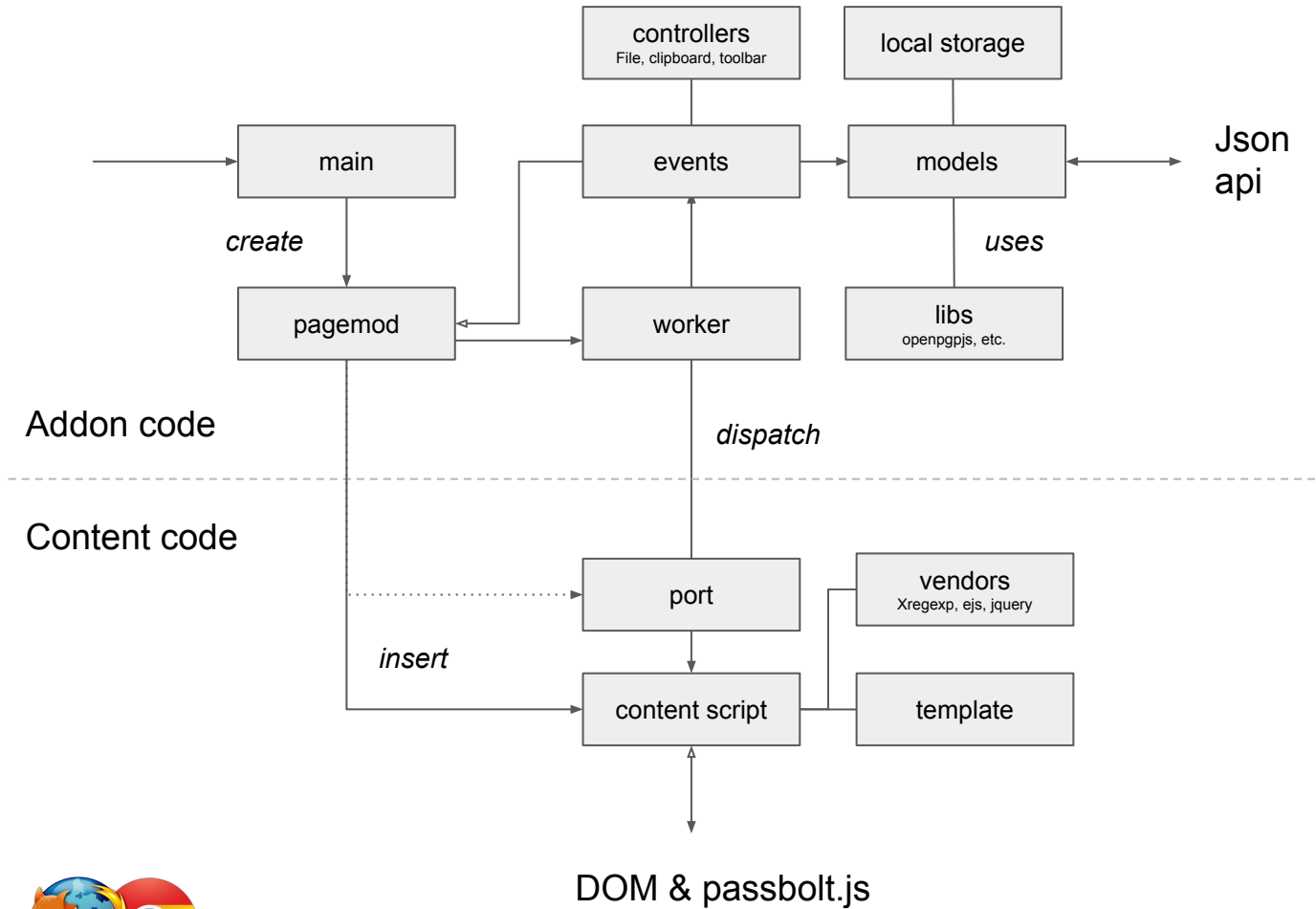




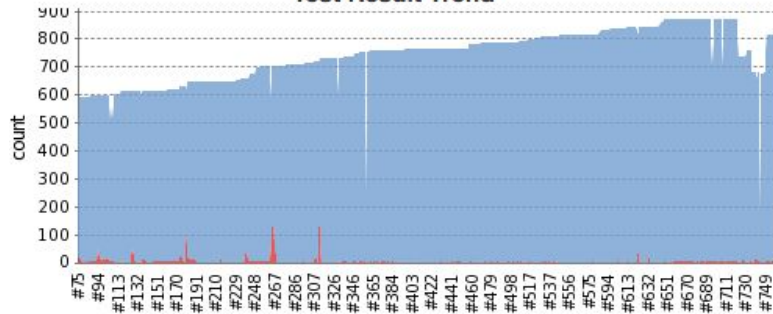
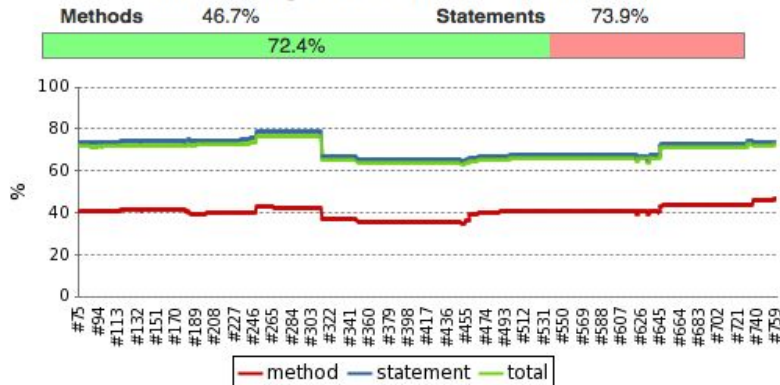
using cakephp core
v.2.9, going v3.x
Q1/Q2 2017







Code Coverage - 72.4% (4936/6816 elements)



4 Testsuites:

- Integration: selenium (~ 300)
- API: phpunit (~500)
- JS App: chai/mocha (~120)
- Web Extension: jpm (~10)

2 Continuous Integration stacks:

- jenkins + selenium
- chrome & firefox on linux
- travis + saucelab
- More config (windows, etc.)

More at: https://github.com/passbolt/passbolt_selenium

```
$ grunt styleguide-update
```

Button test

Normal size



Big size



More at:

- http://github.com/passbolt/passbolt_styleguide
- https://github.com/passbolt/passbolt_wireframes

Thank you!

