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
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.
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 OpenGPG, js, CanJS, Cakephp and more.

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

Panel
github

passbolt.com
### cakephp

#### Information

- **Username**: cake
- **Password**: [HIDE 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
Edit cakephp

Name *
cakephp

URI
cakephp.org

Username *

cake

Password
[Obscured]

Description
The rapid and tasty php development framework
<table>
<thead>
<tr>
<th>User</th>
<th>Username</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frances Allen</td>
<td><a href="mailto:frances@passbolt.com">frances@passbolt.com</a></td>
</tr>
<tr>
<td>Kathleen Antonelli</td>
<td><a href="mailto:kathleen@passbolt.com">kathleen@passbolt.com</a></td>
</tr>
<tr>
<td>Jean Bartik</td>
<td><a href="mailto:jean@passbolt.com">jean@passbolt.com</a></td>
</tr>
<tr>
<td>Edith Clarke</td>
<td><a href="mailto:edith@passbolt.com">edith@passbolt.com</a></td>
</tr>
<tr>
<td>Irene Greif</td>
<td><a href="mailto:irene@passbolt.com">irene@passbolt.com</a></td>
</tr>
<tr>
<td>Betty Holberton</td>
<td><a href="mailto:betty@passbolt.com">betty@passbolt.com</a></td>
</tr>
<tr>
<td>Grace Hopper</td>
<td><a href="mailto:grace@passbolt.com">grace@passbolt.com</a></td>
</tr>
<tr>
<td>Lynne Jolitz</td>
<td><a href="mailto:lynne@passbolt.com">lynne@passbolt.com</a></td>
</tr>
<tr>
<td>Hedy Lamarr</td>
<td><a href="mailto:hedy@passbolt.com">hedy@passbolt.com</a></td>
</tr>
<tr>
<td>Nancy Leveson</td>
<td><a href="mailto:nancy@passbolt.com">nancy@passbolt.com</a></td>
</tr>
<tr>
<td>Ada Lovelace</td>
<td><a href="mailto:ada@passbolt.com">ada@passbolt.com</a></td>
</tr>
<tr>
<td>Carol Shaw</td>
<td><a href="mailto:carol@passbolt.com">carol@passbolt.com</a></td>
</tr>
</tbody>
</table>

**Information**

- Role: User
- Modified: 11 days ago

**Public Key**

- Key id: 82945D3E
- Type: RSA
- Created: 2015-07-02 16:55:12

Public key:

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Comment: GPGtools - https://gpgtools.org

mQINAFKYK5gB6AD13pyvWhe1v
-----END PGP PUBLIC KEY BLOCK-----
```
Profile

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.
"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
Checkout the **specs** & fill out the **survey**!
What’s next

- **Security audit**
  An independent 3rd party security review of the code.

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

- **Form saving and filling**
  The plugin can save passwords from web pages and populate login forms.

- **Internationalization**
  The interface and documentation are translatable in multiple languages.

- **Accessibility**
  Better support for screen readers and higher contrast ratio options.

- **Mobile support**
  Android and iPhone clients. Choose which password is available for which device.

- **LDAP integration**
  Integrate passbolt with your organization user directory.

- **Advanced keyring management**
  Manually approve and sign keys to build a network of trust.

- **Second factor authentication**
  Login requires an additional code sent to your phone.

- **Guided tour**
  Get familiar with passbolt features the first time you login.

- **Secure notes**
  Store other secrets than a password such as notes.
How does it work?
Open source stack

More at https://www.passbolt.com/credits
users
id : uuid
username : string
active : bool
deleted : date
modified : date
created : date
role_id : uuid

roles
id : uuid
name : string

resources
id : uuid
uri : string
name : string
username : string
deleted : date
modified : date
created : date
created_by : uuid
modified_by : uuid

profiles

comments

favorites

controller_logs

user_agents

authentication_tokens

email_queue

permissions_types

secrets
id : uuid
user_id : uuid
resource_id : uuid
data : text
modified : date
created : date
created_by : uuid
modified_by : uuid

gpgkeys
id : uuid
user_id : uuid
fingerprint : string
key : text

permissions
using cakephp core
v.2.9, going v3.x
Q1/Q2 2017
**Addon code**

- `create` from `main` to `pagemod`
- `dispatch` from `pagemod` to `content script`

**Content code**

- `insert` from `content script` to `DOM & passbolt.js`
- `uses` from `libs` to `models`
- `vendors` from `Xregexp, ejs, jquery` to `models`
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](https://github.com/passbolt/passbolt_selenium)
$ grunt styleguide-update

Button test

Normal size

- button
- .primary
- .disabled

Big size

- .big
- .big.disabled
- .primary.big
- 

More at:

- http://github.com/passbolt/passbolt_styleguide
- https://github.com/passbolt/passbolt_wireframes
Thank you!