



PIRATPARTIET

Building a community management infrastructure with
Ory open source software

How digitalization changes everything

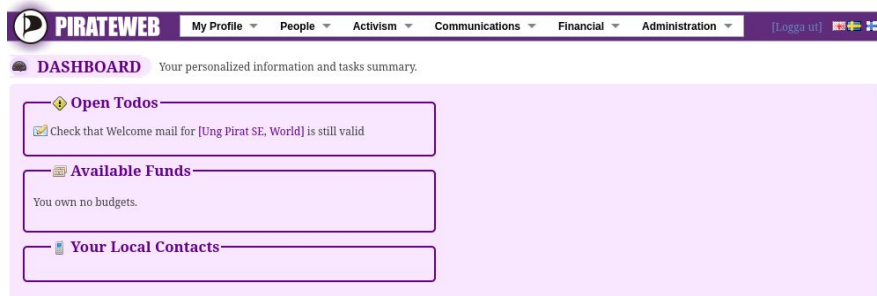
- Organizing - how do you do it?
- What is the purpose?
- How do you keep track of members?
 - Paper based
 - Spreadsheet
 - Membership management system

	A	B	C	D	E
1	ID	Name	E-mail	Address	Town
2	1	Bob	bob@bob.com	Street 123	Somewhere
3	2				
4	3				



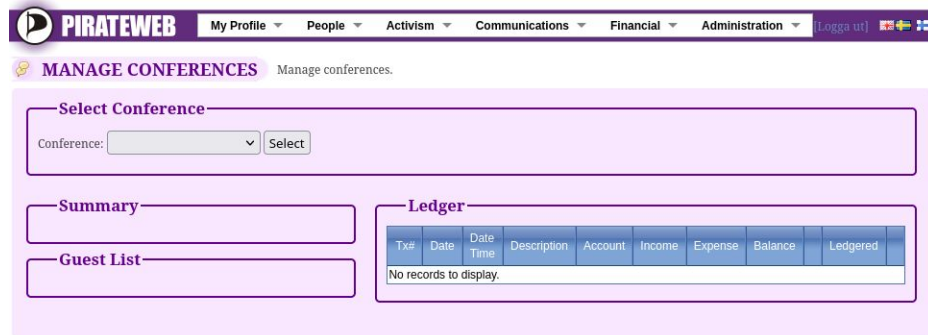
Piratpartiet - Some quick history

- The Swedish Pirate Party was founded in 2006
- Right to privacy, copyright reform
- Rick Falkvinge, the founder, started work on PirateWeb
- PirateWeb was an unique system for it's time



PirateWeb - Some wisdom

- Good:
 - Designed entirely after how the party operated at the time
 - Access based, tons of functions including accounting
- Bad:
 - Clunky UI
 - No support for integration, no SSO
 - Work slowed down on it after 2014
 - Outdated functions and little bug fixing
 - Weird behaviour



The screenshot shows the 'MANAGE CONFERENCES' page in the PirateWeb application. The interface has a purple header with the 'PIRATEWEB' logo and a navigation menu with items like 'My Profile', 'People', 'Activism', 'Communications', 'Financial', and 'Administration'. Below the header, there's a sub-header 'MANAGE CONFERENCES' with a link to 'Manage conferences.'. The main content area is divided into sections: 'Select Conference' with a dropdown menu and a 'Select' button; 'Summary' and 'Guest List' sections which are currently empty; and a 'Ledger' section containing a table with columns for 'Tx#', 'Date', 'Date Time', 'Description', 'Account', 'Income', 'Expense', 'Balance', and 'Ledgered'. The table currently displays 'No records to display.'

Txs	Date	Date Time	Description	Account	Income	Expense	Balance	Ledgered
No records to display.								



2014 crash and rebuild 🔥

- 2014 had both EU-elections and Swedish elections
- Disappointing results and burnout
- Rebuild started in 2015
- Old systems were replaced
- One major system remained in place however...



Om tio år har
bilar inga rattar.
Vem ska styra?



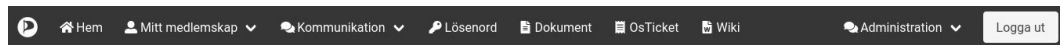
Searching for a replacement for PirateWeb

- Don't build your own system!
 - We don't want a repeat of PirateWeb
- Finding an off-the-shelf system
 - Way harder than it seems
 - We are entirely funded by donations
- CiviCRM, eBas, tendenci



How Ory fits into the picture

- Ory was found by accident
- Ideas had started circling of building a new system anyways
- Kratos and Hydra was exactly what we were looking for
 - Open-source
 - Free to use our own stack
 - We can focus more on our own tools
- MemberPort was started



POLITIK

Nyheter
Principprogram
Sakpolitiska program
Talespersoner

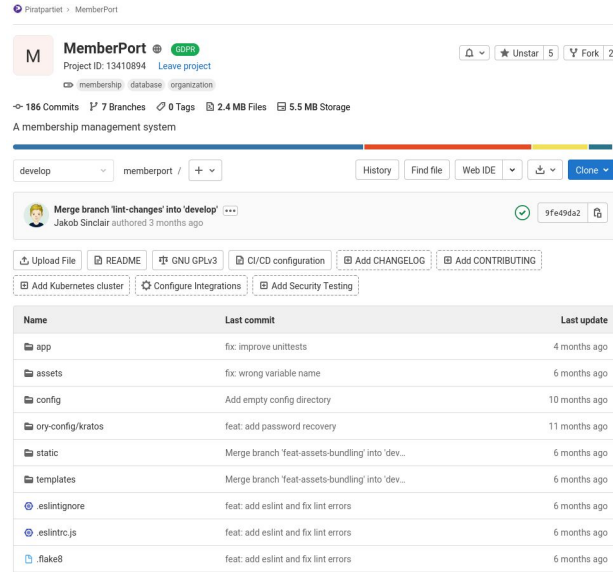
AKTIVITET

Kalender
Evenemang

Kalender

Benefits

- Development of login system doesn't depend on us
- Hydra and Kratos doesn't force an UI on us
- Easy to file bug reports and even fixes ourselves
- Feature requests
- Self-hosting
- Forces good security practises



The screenshot shows the GitHub repository page for MemberPort, owned by Piratpartiet. The repository is a membership management system with 186 commits, 7 branches, 0 tags, 2.4 MB files, and 5.5 MB storage. It is licensed under the GNU GPLv3. The page displays a commit history table with columns for Name, Last commit, and Last update.

Name	Last commit	Last update
app	fix: improve unittests	4 months ago
assets	fix: wrong variable name	6 months ago
config	Add empty config directory	10 months ago
ory-config/kratos	feat: add password recovery	11 months ago
static	Merge branch 'feat-assets-bundling' into 'dev...	6 months ago
templates	Merge branch 'feat-assets-bundling' into 'dev...	6 months ago
eslintignore	feat: add eslint and fix lint errors	6 months ago
eslinttr.js	feat: add eslint and fix lint errors	6 months ago
.flake8	feat: add eslint and fix lint errors	6 months ago



Challenges

- We still need to build the rest of the system
- Kratos is still in “early” development
- Not all of our existing systems support OpenID Connect
- How do you “sync” data between our system and Kratos?



Future developments

- Waiting for Kratos v0.8-alpha for 2FA
- Testing out Kratos and Hydra in a real deployment
- Get geography and organizations to play together
- More member focused features
 - Events
 - Candidate for roles
 - Points for recruitment



Conclusion

- Organizing a political movement across a country is hard
- A good membership system makes it much easier
 - Rare to find in the wild
- Ory's open-source focus is important
- Challenges still ahead
- We get to focus on what is important to us



Thanks for listening!

Icons used in this presentation was made by Font Awesome and licensed under Creative Commons Attribution 4.0 International license
<https://fontawesome.com/license/free>