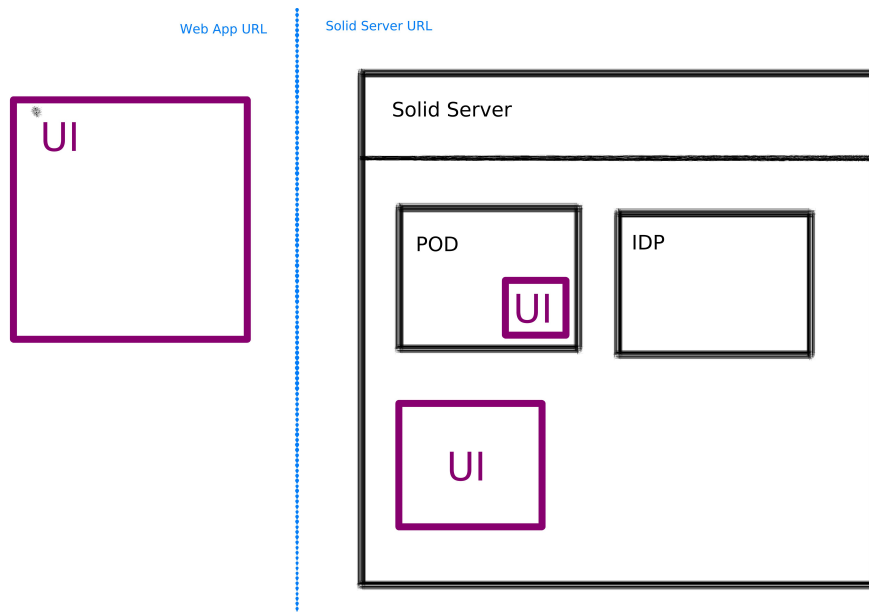


Using CSS with a User Interface

CSS is a simple pod and ID provider, it doesn't have a UI that allows the user to interact with their pods.

There are 3 options to have a UI on a CSS pod:

1. using an external UI app
2. extend CSS using components.js dependency injection framework with a UI
3. uploading a UI in the pod



Option 1 is the more stable solution for now, but it has the disadvantage of having the pod UI on a different URL than the CSS instance, which can be confusing for the user.

In the opposite, options 2 and 3 have the advantages of living under the same URL as the CSS instance. Unfortunately: - option 2 is only available with penny UI and is still buggy. To make it work with a UI other than penny, one needs to create a special CSS config file and resolve conflicts that could be created between CSS and the UI, which might require a bit of work. - option 3 has no solution yet for CSS, a solution exists with NSS and could be ported to CSS.

	Location	Actively Author(s)	Source code URL	Example URL
Pod- Browser	External	Inrupt Yes	https://github.com/inrupt/pod-browser	https://podbrowser.inrupt.com/

	Location	Author(s)	Actively maintained	Source code URL	Example URL
Oh-my-pod	External	Empathy	No (since dec. 2020)	https://github.com/empathyco/oh-my-pod	https://solid-ohmypod.netlify.com/
Penny	External	Vincent Tunru	Yes	https://gitlab.com/vincenttunru/penny	https://penny.vincenttunru.com/
Penny-recipe	Solid-Server	Vincent Tunru	Yes	https://github.com/solid/community-server-recipes/tree/main/penny	
Mashlib-recipe	Solid-Server	Solid community	Yes	https://github.com/solid/community-server-recipes/tree/main/mashlib	
Pod-homepage	Pod	Angelo Veltens	Yes	https://gitlab.com/angelov/pod-homepage	https://angelo.veltens.org/

*See locations on the above illustration

	Features	Comments
Penny	Inspect and modify pod data check stuff	
Penny-recipe	Inspect and modify pod data	
Mashlib-recipe	Inspect and modify pod data	
Oh-my-pod	Inspect and modify pod data	
Pod-Browser	Inspect and modify pod data	
Pod-homepage		

UI external app

A few app are available to explore the content:

- Penny:
 - inspect data, modify, add and delet build as a developer tools for debuggin[<https://forum.solidproject.org/t/new-developer-tool-app-penny/3837>] but suitable for standard use
- <https://gitlab.com/vincenttunru/penny> <https://penny.vincenttunru.com/>

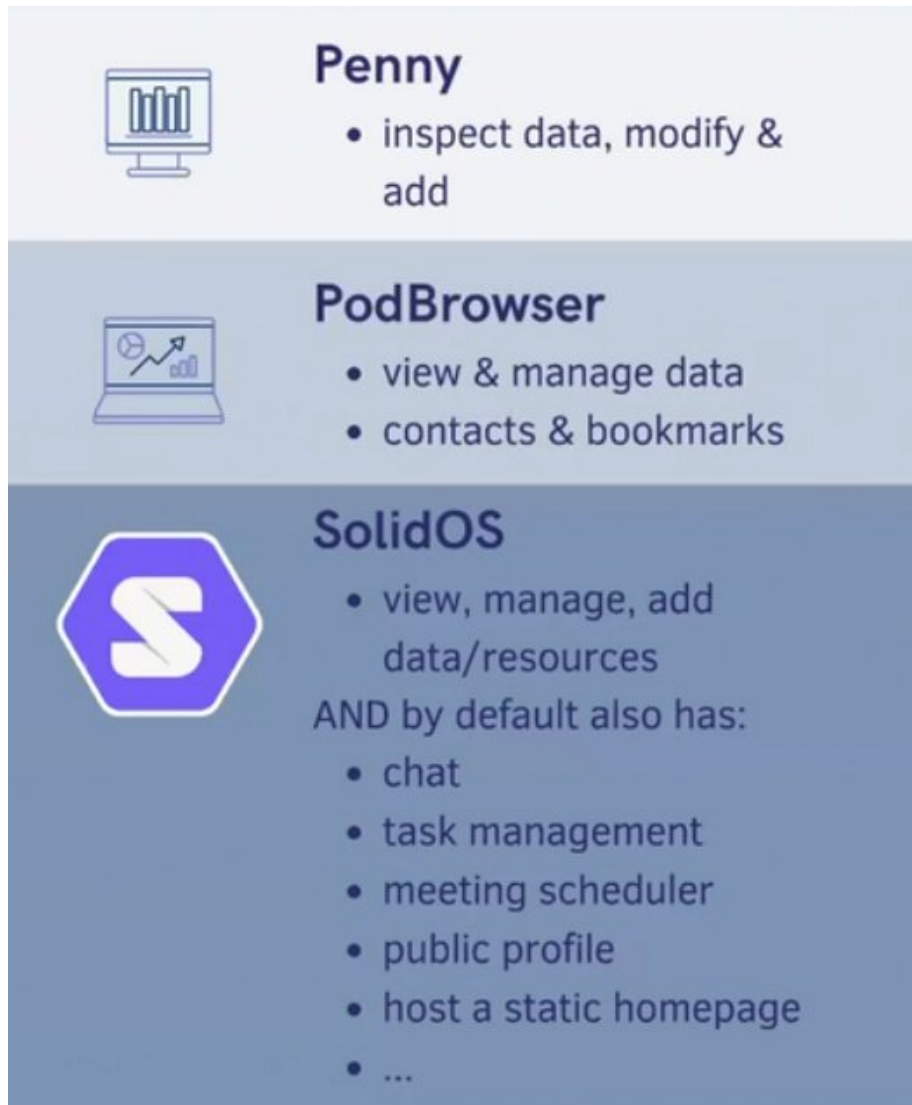


Figure 1: edit

- PodBrowser
 - inspect data, modify, add and delet
 - * contacts & bookmarks

<https://github.com/inrupt/pod-browser> <https://pod-browser.vercel.app/>

- solidos - inspect data, modify, add and delet - contacts - + task management
- + chat - + public profile page - + host a static homepage NSS default
front end lot's of UI issue raised in github currently rebuilding the UI

<https://github.com/solid/solidos>

<https://solidos.solidcommunity.net/>

- oh-my-pod (unmaintained since dec. 2020) - inspect data, modify,
add and delet - contact - profile page <https://ohmypod.netlify.com/>
<https://github.com/empathyco/solid-oh-my-pod>
- <https://gitlab.com/angelo-v/pod-homepage>

TODO: get ligne of code of each project

Integrated UI

- penny