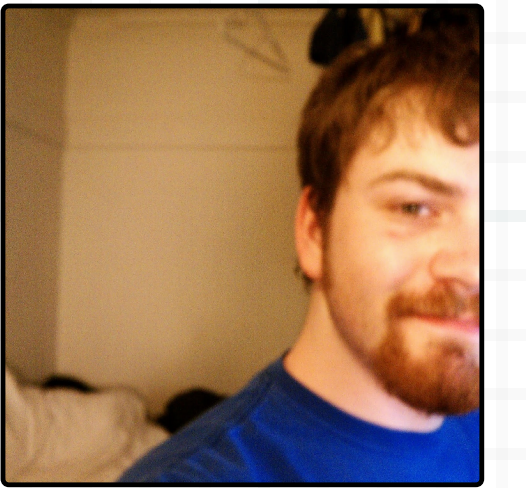




Webshooter, your friendly neighborhood static website layout generator

AIMS / GS-CAD / CAR / Computation

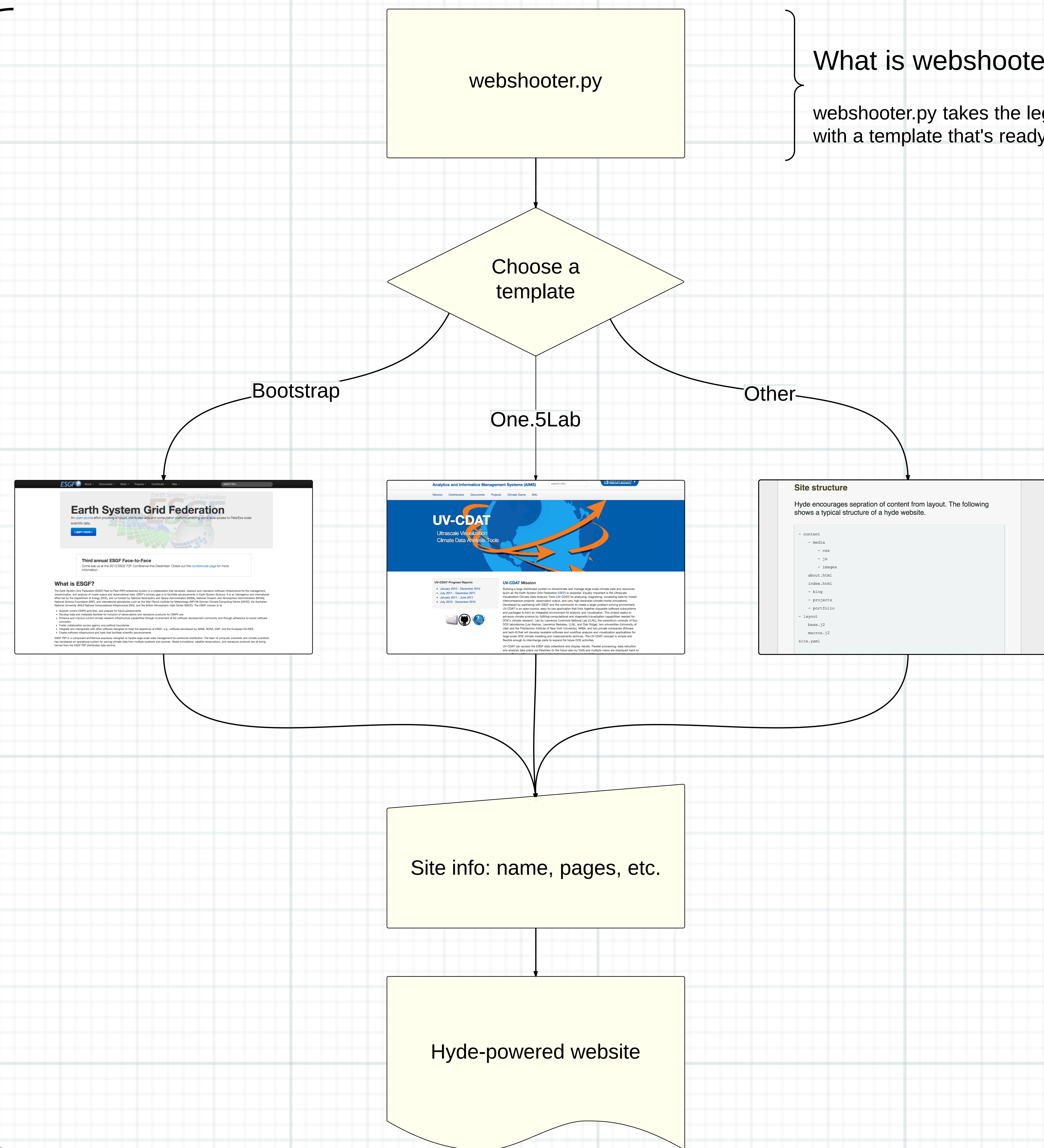


What is Webshooter?

We're trying to get away from dynamic websites, which tend to re-execute code when nothing's changed by catering individually to every page request. As a maintainable alternative we're leveraging Hyde, a static website generator.

With it, we still gain the advantages of reusable content (e.g. one header file used by all pages), but we use that content to generate pages only once in a while, instead of at run time (i.e. at every page request).

Additionally, when the templates we use with Hyde are changed at the source, it's easy for the people who used them to pull down those changes and merge them into their own generated sites (if they want to). This works backwards as well: generated sites are effectively forks of the templates they use, and GitHub makes pulling changes and fixes an easy (but conscious) process for template maintainers.



What is webshooter.py?

webshooter.py takes the legwork out of making a Hyde-powered static website by setting you up with a template that's ready to go, then generating as many pages as you need.

What is Bootstrap?

Bootstrap is an open source web framework made by the folks at Twitter. It's praised as clean, easy, and designer-friendly. It's used by a number of websites which is too high to count to, but which includes some big shots like NASA and MSNBC.

What is One(.5)Lab?

One.5Lab is an adaptation of OneLab, which is an LLNL web template/framework (and which itself actually uses Bootstrap). The OneLab guys' mission is to provide a (good looking) thematic consistency to LLNL's public-facing websites.

One.5Lab is a portable, Hyde-compatible version of OneLab which works with Webshooter.

What do you mean by "Other"?

Webshooter was built with Bootstrap and One.5Lab in mind, but who's really that close minded? If you've got a template that works in Hyde, it'll work with Webshooter. In fact, Webshooter will even clone it from any public Git repository for you.



We're at:
github.com/aims-group/webshooter
github.com/aims-group/hyde-bootstrap

And we use:
github.com/hyde/hyde
github.com/twitter/bootstrap

Author:
Ben Carlsson
github.com/skoh-fley

Mentor:
Matthew Harris
github.com/mattben

LLNL #####
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