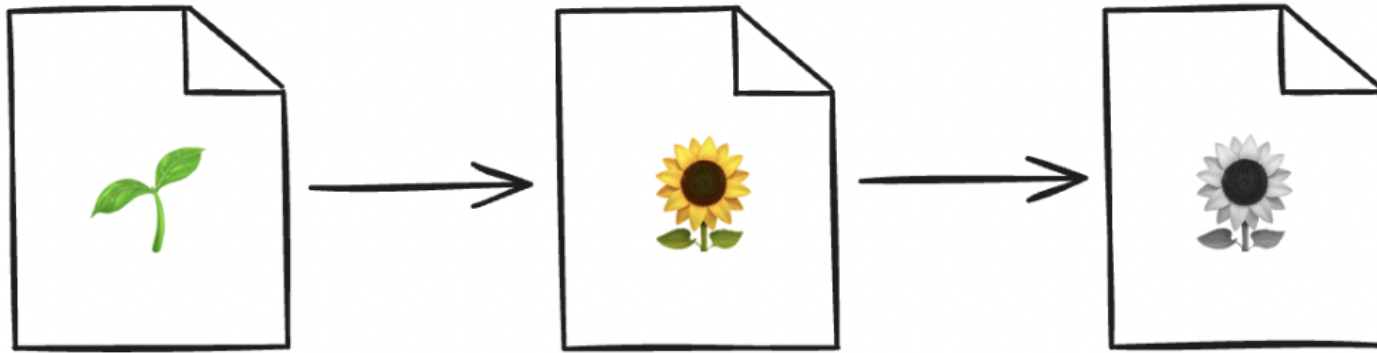


Software Gardening Almanack v0.0.1

Cultivating Sustainable Software in the Generative Era

Background



Scientific software developed through factory assembly approaches often overlooks the dynamic evolution of code which leads to rapid decay.

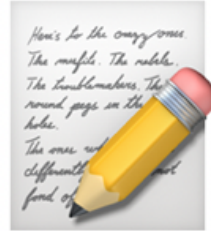
Project



Software
Gardening

The Software Gardening Almanack is an open-source handbook of applied guidance and tools for sustainable software development and maintenance.




Project




The Almanack focuses three main chapters:
people, code, and time.

Phases

Initial project development phases:


1.  Build scaffolding
2.  Primary development
3.  Research software engineer mentorship
4. Fellowship completion

Organization




Software Gardening

Software Gardening is an ecosystem of applied guidance and tools for sustainable software development and maintenance.


1 follower <https://software-gardening.github.io>  Part of The Regents of the Universi...

Follow

README.md








Software Gardening

 **Welcome to Software Gardening!**

[Software Gardening](#) is an ecosystem of applied guidance and tools for sustainable software development and maintenance.

See the links below to get started!

-  Learn more through the [Software Gardening Almanac](#)
-  Get involved by checking out the [Contributing documentation](#)
-  Come say hi through our [GitHub Discussions](#)
-  Check out our amazing [community of contributors](#)
-  Please abide our community [Code of Conduct](#)

View as: **Public**

You are viewing the README and pinned repositories as a public user.

You can [pin repositories](#) visible to anyone.






[Get started with tasks](#) that most successful organizations complete.

Top discussions this past month

Discussions are for sharing announcements, creating conversation in your community, answering questions, and more.

[Start a new discussion](#)

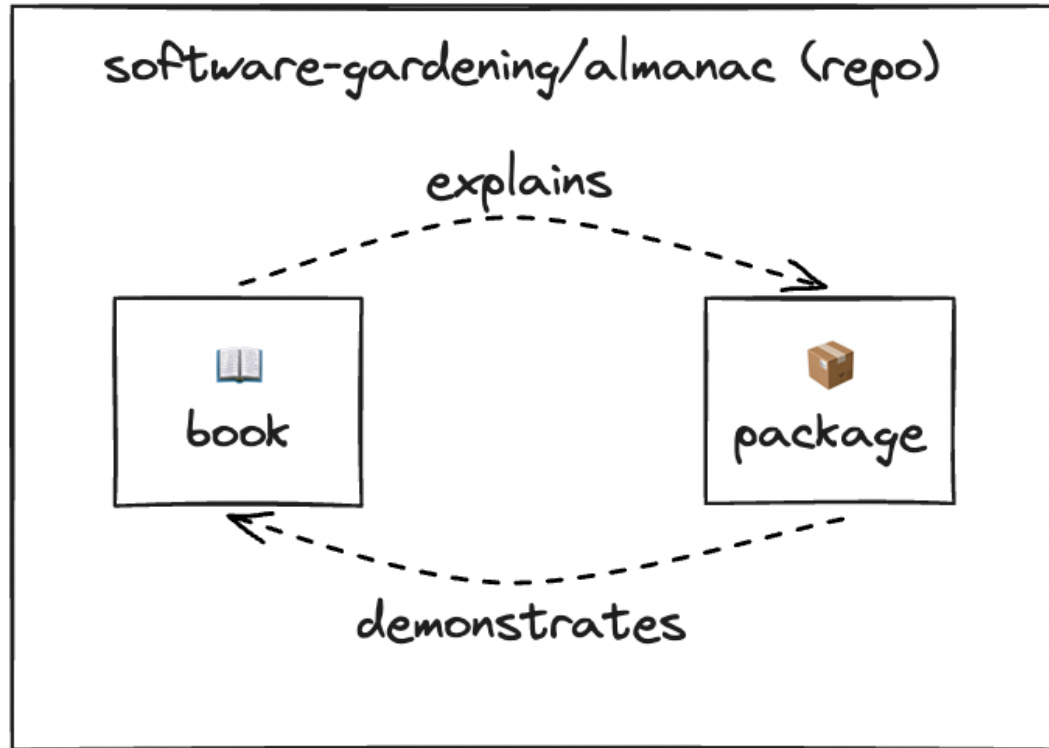
People



Invite someone

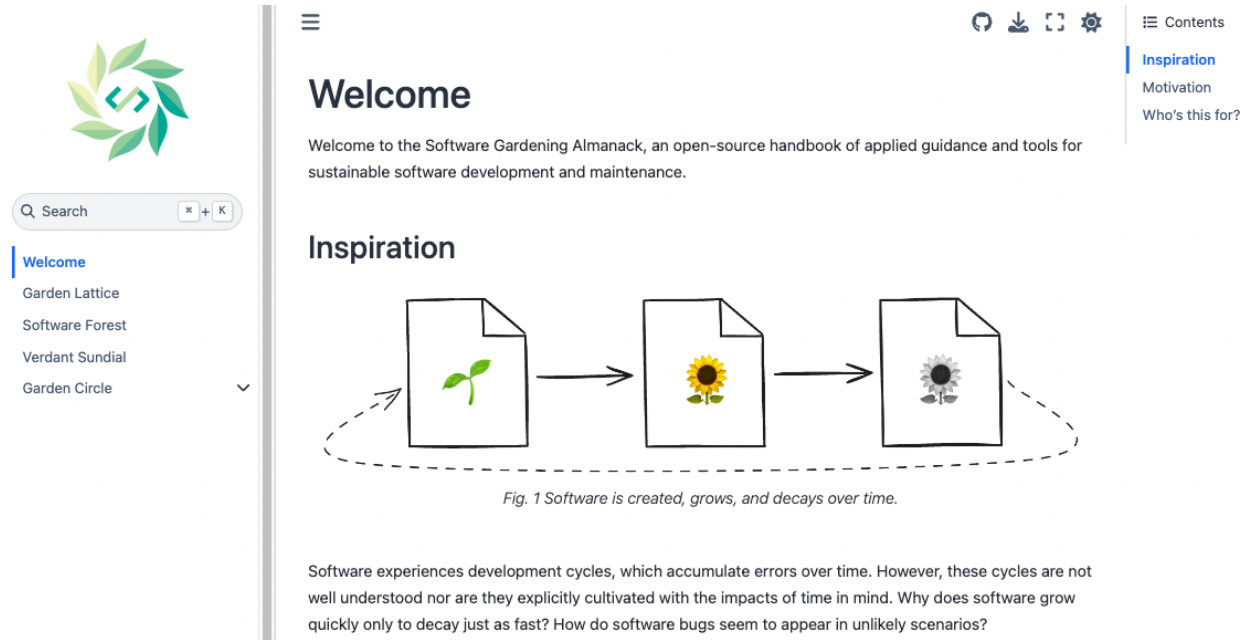
An organization is used as a “*garden bed*” for the Almanack.

Structure



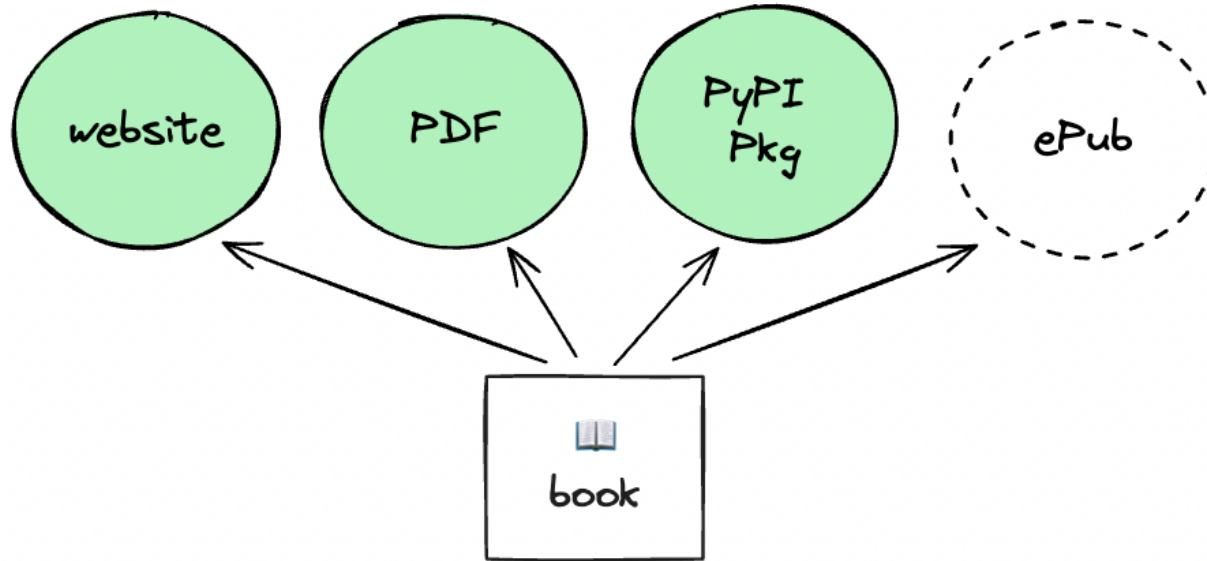
The Almanack includes a handbook and Python package with symbiotic relationships.

Handbook



We use `jupyter-book` to build the handbook at:
<https://software-gardening.github.io/almanac>

Handbook



The handbook can be read through a website, PDF, PyPI package, or (eventually) ePub.

Package

almanack 0.0.0

`pip install almanack`

✓ Latest version

Released: May 31, 2024

An open-source handbook of applied guidance and tools for sustainable software development and maintenance.

Navigation

- Project description
- Release history
- Download files

Project description

The Software Gardening Almanack

An open-source handbook of applied guidance and tools for sustainable software development and maintenance.

Please see the following links to access published content:

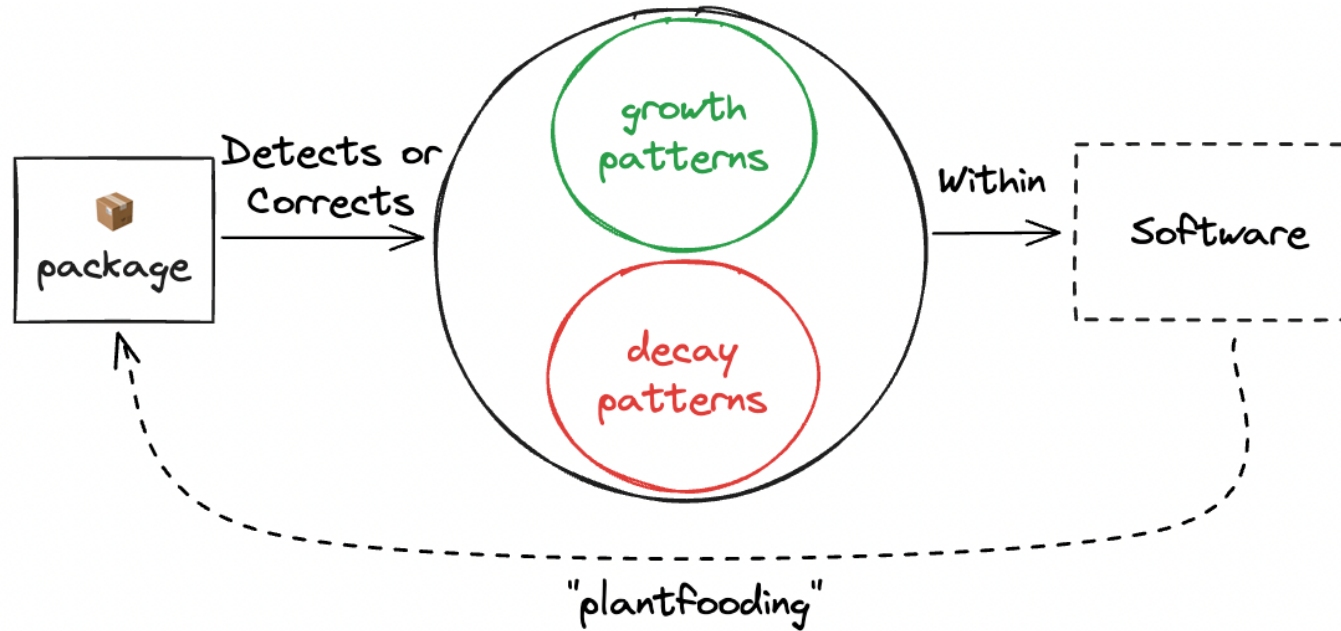
- Online (HTML): <https://software-gardening.github.io/almanack/>
- Offline (PDF): <software-gardening-almanack.pdf>

Verified details

These details have been verified by PyPI

The `almanack` package is distributed via PyPI.

Package



The package will detect, correct, or enhance growth or decay patterns.

Package



Initial pattern foci:

- Measuring code senescence through information theory.
- Software environment management best practices.
- Avoiding burnout or key-person dependencies through contributions.

Questions




Questions for the audience:

- What patterns are you interested in seeing addressed?
- Are there funding opportunities which align with these efforts?
- Any questions you have?

Thank you

Thank you for attending! Questions / comments?

Please don't hesitate to reach out!

- `</>` [Software Gardening](#)
-  [@d33bs](#)