ESIP Badging

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Software Badges

This FUNding Friday project was to develop a small badging service to highlight ESIP support and member participation in Github-hosted code repositories.

The initial service includes badges for the collaboration areas, badges for more formal ESIP support such as FUNding Friday or the Testbed, and badges to indicate membership. It is both branding and a show of support for the community.

This service is badging for visibility.

There are other types of badging so I'll open the discussion with a brief description and the opportunity to comment on the potential for additional ESIP-supported badging services.

Verification Badges

Require some response from a third-party system to demonstrate participation (based on credentials), some quality value (test coverage) or some other value that can be determined from some content. Often used for code evaluation.

pydata/pandas:

Achievement Badges

Often skill-based and rely on self-reporting or moving through some walled garden activity (code tutorials where activity is hosted).

https://github.com/mozillascience/PaperBadger

http://www.geobadges.org/

The ESIP Badge Service

The routes*:

```
<img src="http://{host}/{badge-type}.svg">
```

```
<a href="http://esipfed.org">![]
(http://{host}/{user}/{repository}/{badge-type}.svg)</a>
```

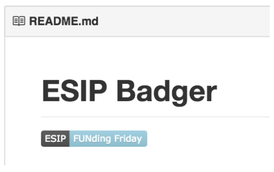
* the service is not currently running on a permanent host. The address provided on the README will change.

The options:

badge-type	funded | testbed | fundingfriday | member | collaborator
?display-style	flat-round (default) | plastic | flat-square
?display-option	logo | text (default)

The badges:

The result:



Works with any format (Markdown ReStructuredText, etc) that supports embedding external SVG images, including Jupyter notebooks.

The code:

https://github.com/roomthily/esip_badger

Based on:

https://github.com/badges/shields & https://github.com/rauchg/slackin

Potential @ ESIP

Are there current or planned ESIP initiatives that could benefit from a badge service, beyond this basic visibility?

Consider validation and/or verification services where a badge is one component.

Verification services?

Achievement services?

If you need a hand adding badges to your READMEs or have other suggestions, drop me a line at {my name} at the google mail or make a pull request.