Building a Scientific Software Accreditation Framework

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What is “good” software, and how can we measure it?
Nutritional Labelling

- Designed to be easy to read and understand
  - Small set of categories
  - “Traffic light” indicators
- A framework that can be evaluated differently due to community norms
  - Healthy heart diet vs cake

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## Software Accreditation Framework

### Challenges
- Many measures are subjective
- Many metrics are costly to measure
- Need to encourage self-assessment

### Purpose
- Enabling improvement, versus
- Enabling comparison

### Categories
- Availability
- Usability
- Transferability
- ...?

### Benchmark
against existing software
Software Management Plans

• A means of ensuring software is accessible and reusable throughout project and beyond

• A tool that complements (/ implements) accreditation framework

Prototype based on DMPOnline

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