Software Citation Principles

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https://www.force11.org/group/software-citation-working-group

FORCE 11 Software Citation Working Group Process

- Initially sought members; currently 55 people (researchers, developers, publishers, repositories, librarians)
  - Members of WSSSPE3 breakout group joined en masse in October
- Review of existing community practices
  - Software Sustainability Institute, WSSSPE, Project CRediT, Ontosoft, CodeMeta
  - Astronomy and astrophysics, life sciences, geosciences
- Developed use cases (collaborative via Google Doc)
- Drafted software citation principles document
  - Started with data citation principles
  - Updated based on software use cases and related work
  - Updated based working group discussions
  - Updated based on community feedback and review of draft
  - Updated based on workshop and lightning talk at FORCE2016, breakout at Dagstuhl Engineering Academic Software meeting in June 2016

Software Citation Principles Document

- Contents:
  - 6 principles: Importance, Credit and Attribution, Unique Identification, Persistence, Accessibility, Specificity
  - Motivation, summary of use cases, related work, and discussion (including recommendations)
- Format: working document in GitHub, linked from FORCE11 SCWG page, discussion has been via GitHub issues, changes have been tracked: https://github.com/force11/force11-scwg
- Published as: Smith AM, Katz DS, Niemeyer KE, FORCE11 Software Citation Working Group. (2016) Software citation principles. *PeerJ Computer Science* 2:e86 https://doi.org/10.7717/peerj-cs.86

Going forward

- Endorsement period for both individuals and organizations
  - Not yet started
- Short paper with some implementation examples
  - Started
- Infographic
  - Mostly complete
- Software Citation Working Group ends
- Software Citation Implementation Group starts
  - Work with institutions, publishers, funders, researchers, etc. to implement into existing and updated workflows and systems
  - Write full implementation examples paper