

SOFTWARE ARCHIVING

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Software (including analysis scripts) can be archived.

Such archiving shares many of the advantages of archiving data

- Transparency, verification, and error checking
- Reuse and extension

Two (nearly independent) questions

- Should journals adopt a Joint Software Archiving Policy?
- Should Dryad accept submissions of code and scripts?

Should journals adopt a Joint Software Archiving Policy?

- Software archiving has been requested by a list of evolutionary theorists in a letter to journal editors
- *Ecology* now requires software archiving.
- Why should code be treated differently (culturally) than data.

- Yet, code can be copyrighted or patented; different IP law; potentially different attitudes.

Should Dryad accept submissions of code and scripts?

- Dryad has generalized format model, so accepting code is not difficult technologically.
- Dryad already integrated with many journals for data; low barrier to expansion
- Data sets licensed under CC0, not best license for code
- However, Dryad can suggest basic licenses for code (e.g., GPL) .

Challenges

- Usual difficulties of licensing code: author must ensure that procedures taken from other people's licenses are removed or fit the new license.
- Cultural shift