Reproducible electronic documents

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We give you our system for filing scientific computational research: Reproducible electronic documents. These documents enable you – or anyone with access to your files – to handily regenerate your results. Thus your research and your software can be shared and reused. Reproducible electronic documents rely on UNIX makefiles, a few file naming conventions, and a small set of make rules and definitions. Two pages of motivation and summary.

Universal rules for reproducible documents

- The White Paper (postscript) (html) explains reproducible electronic documents and is submitted to Computer in Physics (CIP). This article is the best introduction to reproducible documents.
- The software package (tar.gz) (tar.Z) that accompanies the CIP article contains a complete, reproducible document and a generic set of GNU make rules. Use this package if you plan to test the idea of reproducibility and if you consider adapting it for your purposes.
- Our GNU make (tar.gz) (tar.Z) version is a patched copy of the official make – 3.74. If you have a GNU make version higher than 3.74, you do not need our patched version.