

Reproducible research as a community effort: experience of the Madagascar project

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Madagascar (www.ahay.org) is an open-source project in computational data analysis, which continues the tradition of geophysical reproducible research started by Jon Claerbout more than 20 years ago. During the first six years of the project, more than 50 people from different organizations around the world have contributed to its development. More than 100 papers and book chapters with reproducible examples have been published on the Madagascar website and are included in the Madagascar distribution. I will share the experience of coordinating a community effort for long-term maintenance of computational reproducibility.