STAPLE : The project management scientific software

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Scientific research has become increasingly complex, requiring specialized skills, interdisciplinary work, and collaboration among large teams. Managing such projects and tracking data and metadata has become a significant challenge. Currently, the tools and websites designed for researchers focus on getting researchers to share their materials, code, and data (i.e., Open Science Framework (osf.io), FigShare, Zenodo). These repositories represent a necessary resource for long-term storage of outputs, but do not help researchers organize or track information during the life of a study. We have developed a science focused project management tool, called STAPLE, that not only helps with the unique challenges of project management of research but includes open and transparent documentation of data and metadata, as well as proposing minimum metadata standards. STAPLE will have the ability to add project components based on research type, assign timelines, assign tasks to users/groups, link to long-term storage of research outputs, and interface with relevant application interfaces to track authorship credit. This workshop will introduce you to STAPLE and allow attendees to give feedback on the current design and desired features. Project's webpage: https://staple.science/about.html