The SIMPLE Archive

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Abstract.
We present the SIMPLE Archive alongside its database management tool, Astrod-bKit2. SIMPLE is an archive of low mass stars, brown dwarfs, and exoplanets driven by community curation and review using GitHub. SIMPLE relies on AstrodbKit2 to convert back and forth from a document-store model of the database, to a more standard relational database that can be used with established packages like SQLAlchemy. In this poster, we present the architecture of the SIMPLE database and how using Astrod-bKit2 facilitates a git workflow for reviewing and approving database modifications.

SIMPLE is available at https://github.com/SIMPLE-AstroDB/SIMPLE-db

AstrodbKit2 is available at https://github.com/dr-rodriguez/AstrodbKit2