

Key Elements for Documenting Scientific Software:

- Interactive tutorials
- Explicit input/output documentation
- Science walkthrough

Methods

- Collected user stories from an interdisciplinary audience
- Interlocked code and documentation
- Used cloud infrastructure to allow for interactively running the code

Future Work

- Expand the scope of open-source code as both a research and teaching tool from high school to graduate classrooms

Installation

Quickstart for TARDIS

INPUT/OUTPUT

Configuration (Required Input)

Optional Inputs

Visualization Tools & Widgets

Additional Outputs

PHYSICS WALKTHROUGH

Setting Up the Simulation

Monte Carlo Iteration

Estimators and Convergence

Spectrum Generation

