Automated Reproducibility and Testing Environment for Licensed Software

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ARTENOLIS at a glance

ARTENOLIS is a general-purpose and flexible infrastructure software application that implements continuous integration for open-source software with licensed dependencies.

Advantages

- customisable and fully-controllable environment
- expandable and scalable
- permits cross-repository testing on multiple operating systems
- satisfies short and long-term financial constraints
Key projects:

- **The COBRA Toolbox** – leading software in the field of COnstraint-Based Reconstruction and Analysis (COBRA) Toolbox (git.io/cobratoolbox)
- **COBRA.jl** – Julia high-performance COBRA software package (git.io/COBRA.jl)
- **devTools** – contribute to git repositories from MATLAB (git.io/MATLAB.devTools)
- **PaCER** - Precise and Convenient Electrode Reconstruction for deep brain stimulation (git.io/PaCER)
- … more to come!
ARTENOLIS: Automated Reproducibility and Testing Environment for Licensed Software
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https://arxiv.org/abs/1712.05236
opencobra.github.io/artenolisis