Challenges to Reproduce an Analysis

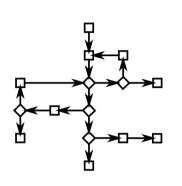
Missing Files



Retired **Hardware**



Untracked **Modifications**



Absent Services



Researcher

Our Solutions

Versioned Storage



Full Scripting

Untracked GUI



Virtualization





Version Control

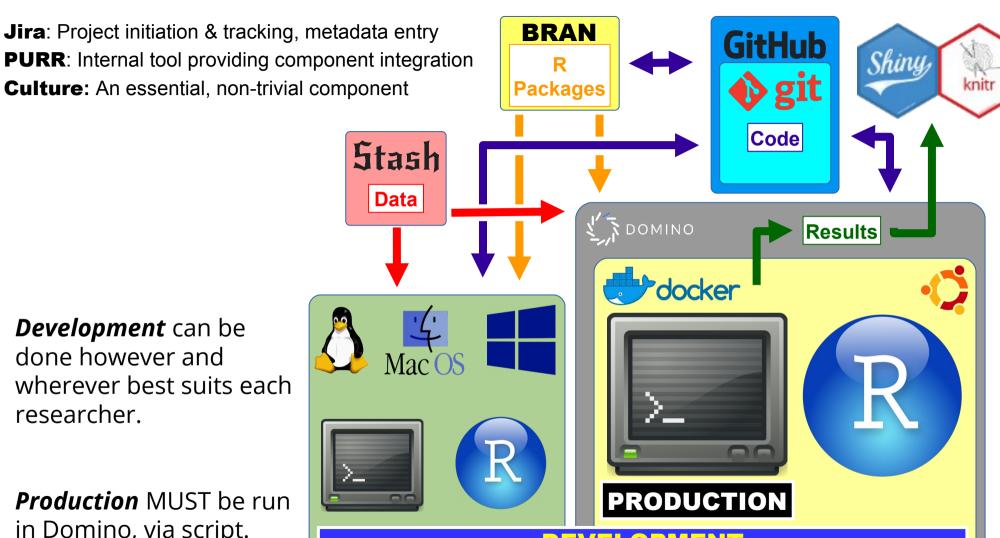


Extensive Serialization

ls -lh \ *.rds \ *.json \ *.sqlite \ * +exr \

Documentation





in Domino, via script.

Making a Note Here, Huge Success

R Does Bioinformatics



Standards Enhance

Collaboration



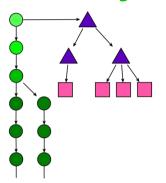
Fully Adopted in Team of 50+, Still Evolving



Shared Code
Accelerates Research



Complete Traceability on all Analyses



More Info on GitHub



maptracker/EARL-2018