

PEG-BOARD

User Analysis & Requirements

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- Data management and curation of Palæoclimate data produced by BRIDGE research group
- In collaboration with University of Bath (UKOLN), University of Leeds (Earth Science) & University of Southampton (Archæology)
- Data centered around climate model runs and outputs from HPC facilities (institutional and national)
- This includes model's binaries, initial conditions, forcings, model outputs, graphical analysis
- Very diverse user base, not only palæoclimate researchers, but geologists, biologists, archæologists, media, . . .



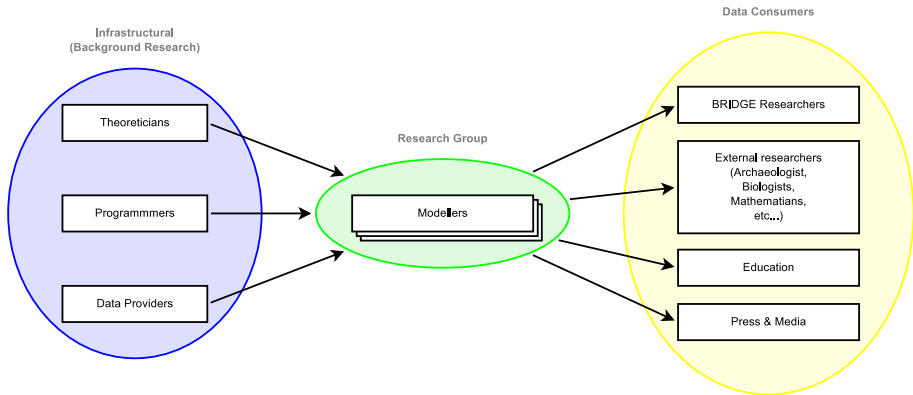
- Pre-existing infrastructure
- Knowledge of existing code
- Day-to-day maintenance and evolution of user needs
- User interviews (informal, using users' support requests)
- User survey (still on-going) using modified DAF to include external users

Stakeholder Analysis

- Worked jointly with HPC group with University wide storage project
- Devided users into roles (Swann, 2008)



Stakeholder Analysis – Part 2

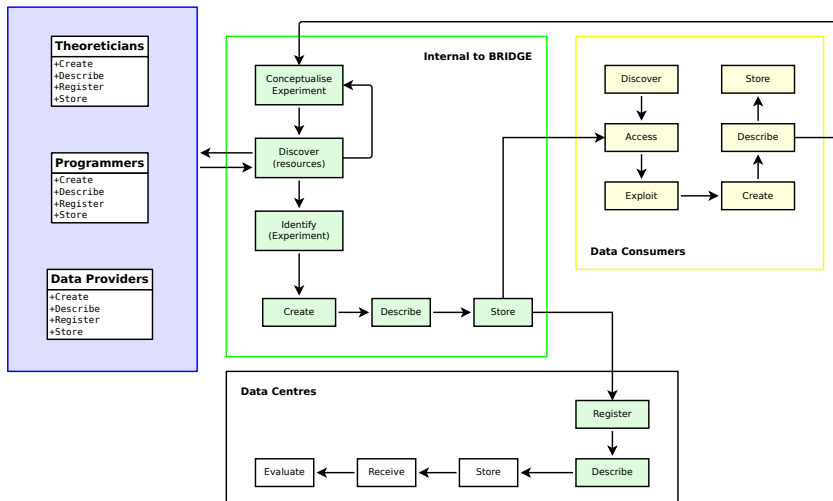


Task Based Analysis

- Role based model did not fit with reality
- Users have more than one role
- Interactions between roles and users can be complex
- Tasks analysis approach more appropriate (Based on Treloar, ANDS, 2009)



Task Based Analysis – Part 2



Any Questions?

