Requirements for Phylogenetic Tree Visualisation - A User Driven Approach

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Research Question

'To what extent is it possible to improve user-driven collaborative software development through interaction with diagrams and without requiring people to learn computer languages?'

Introduction

- Many computer literate people are experts in a particular domain, such as biology
- Enable computer literate scientists to model and visualise problems using software by minimising code writing
- User Driven Programming/Modelling

Problem Statement

- Software development is difficult for users time, experience, access to programming tools
- Modelling with relationship tree and visualisation possible to construct visualisation software for non programmers
- Methodology needed for creation of systems to enable collaborative end-user modelling/visualisation
- Methodology would use visualisation to allow scientists to model , visualise and debate taxonomies/phylogenies

Generally Models are not Requirements



Source to Result Translation

- interaction
- taxonomies

