

Databases for Many Majors: Customizable Visualizations to Improve STEM Learning





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Introduction to Databases



http://databasesmanymajors.faculty.asu.edu

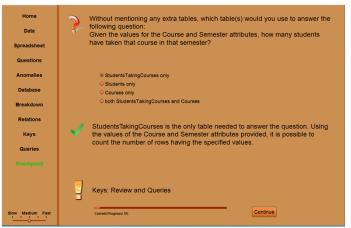
DUE-0941584/DUE-0941401

- 2 Animations: IntroDB & QueryDB
- Customizations: CMB & GIS
- IEEE Trans on Education paper

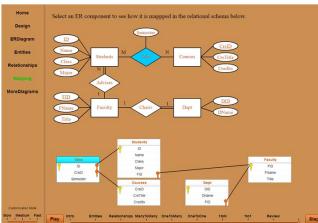
DUE-1431848/DUE-1431661 (September 2014 – August 2017)

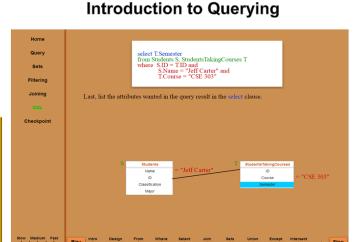
- Self-assessment "Checkpoints"
- Customization Tool
- STEM Customizations
- Conceptual Design Animation (DesignDB)

Self-assessment Checkpoints

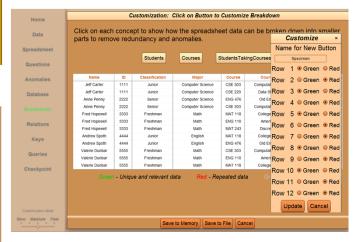


Preview: Conceptual Design





Preview: Customization Tool



Interested in Customization

Please contact the investigators if you are interested in customizing the animations for use in classes at your university.

Conceptual Design Feedback

Please contact the investigators if you are interested in providing feedback on the Conceptual Design animation in progress.