

Databases for Many Majors: Customizable Visualizations to Improve STEM Learning



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

Introduction to Querying

Preview: Customization Tool

Preview: Conceptual Design

Conceptual Design Feedback

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

Interested in Customization

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