Campus Success Program

Grouper and DevOps leads to transparency and flexibility

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Georgia Tech Role System (GRS) - Successful and widely used, but lacking in features needed for sustainability and growth

- Command line driven UI can be a challenge to learn
- Architecture is not scalable
- Lack of transparency into group structure, memberships, and conditions

Legacy Access Management System

```
Reading roles and role-folders...
/central/services/buzzapi/itg/
  1: buzzapi-itg-developers
  2: buzzapi-itg-fulladmins

.. goes back, / goes to top, =pattern searches for folders and roles
Edit which role or folder? [press return to add a role here, edit this folder or quit]
  1: Add a child folder
  2: Add a child role
  3: Delete folder /central/services/buzzapi/itg/
  4: Edit folder /central/services/buzzapi/itg/
  5: Go back to role searching (search again)
  6: Go back to top menu (quit role search)
what would you like to do? [go back to top menu]
```
Migration to Grouper and Docker

- **Grouper**
  - Better UI
  - Enhanced API access
  - Enterprise quality access management tool

- **Docker**
  - Easier to get up and running with Grouper by using the TIER Grouper image
  - Better portability to different environments
  - More control over DevOps side of managing Grouper
Example app using Grouper APIs
Example app using Grouper APIs
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- **Collaboration**
  - Shared problem solving and success with peers working on the same solutions
  - Working groups provide focus on important topics
- **Access to experts**
  - Subject matter experts readily available to answer questions
  - Greater input and insight into community and wiki guides for Grouper like the Grouper Deployment Guide and Grouper Working Group artifacts
  - Slack communication
- **Feedback**
  - Helpful feedback on Grouper decisions and problems
  - Motivation for keeping project timelines
Questions?
For more information see our Case Study
- https://spaces.at.internet2.edu/display/TIERCSP/TIER+Campus+Success+Program+Case+Study%3A+Georgia+Tech

Thank You!