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CS1653 Project P2 Demo Rubric

Group:

no-such-assignment

The following machines were used for this demo:

thompson	.cs.pitt.edu	gserver
kernighan	.cs.pitt.edu	fserver
ritchie	.cs.pitt.edu	client1
ritchie	.cs.pitt.edu	client2

Compile documentation:

javac *.java in src directory

Connect group server	Connect file server	Disconnect group server	Disconnect a file server
✓	✓	✓	✓

Comments:

Create admin user ☑

Log in, get token ☑

Comments:

Create user ☑

Delete user ☑

Create group ☑

Delete group ☑

Comments:

Add user to group	Remove user from group	List group members
✓	✓	✓

Comments:

List files	Upload file	Download file	Delete file
✓	✓	✓	✓

Comments:

The client crashed when trying to delete a non-existant file.

-2

1 Development questions

How did you implement the "list members" functionality? Demonstrate in your code.

Checks for group ownership. If the user is the owner, return the strings with the group members' usernames.
(GroupThread.java: 243)

How does the group server check whether a user is allowed to create a user? Demonstrate in your code.

Checks if the token contains the ADMIN group, and if so, creates the new user.
(GroupThread.java: 528)

How did you implement the "create group" functionality? Demonstrate in your code.

Checks for a valid token and that the group does not already exist. If so, it creates the new group
(GroupThread.java: 667)

Did you complete any extra credit for this phase?

- GUI
- Principle of least privilege
  - Users can get tokens with a subset of their groups.
- Unit tests using JUnit.

+8

wow! Save something for next phase!