

UNIXvisual Evaluation

1. I understand the UNIX permission model.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree

2. The UNIX model was difficult to learn.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree

3. I am interested to learn more about UNIX permissions.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree

4. I am interested to learn more about access control.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree

5. The UNIXvisual software helped me to understand UNIX permissions better.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree

6. The UNIXvisual software enhanced the course coverage of UNIX permissions.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree

7. The Object View was helpful for understanding which users have access to an certain object and why.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
0=Not Applicable

8. The User View helped me to understand how decisions are made to the access request from a particular user.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
0=Not Applicable

9. The Group View helped me to understand how decisions are made to the access request from a particular group.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
0=Not Applicable

10. The Permission Calculator was helpful for understanding the meaning of each bit in UNIX permissions.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree

0=Not Applicable

11. The Permission Calculator was helpful for understanding how to specify permissions for an object.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
0=Not Applicable

12. The Program Trace View was helpful for understanding how programs work with the UNIX permissions.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
0=Not Applicable

13. The Program Trace View was helpful for figuring out process credential dynamics in programs.
1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
0=Not Applicable

14. The Query system was helpful for understanding UNIX permissions.
 1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
 0=Not Applicable
15. The Quiz system was convenient to use.
 1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
16. The Quiz system was helpful for evaluating my understanding of UNIX permissions.
 1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
 0=Not Applicable
17. The use of colors in the visualization is effective.
 1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
18. The size of items is reasonable and clear.
 1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
19. The layout of items is reasonable and clear.
 1=Strongly Disagree 2=Disagree 3=Neutral 4=Agree 5=Strongly Agree
20. How long did it take you to understand the UNIX permission model using the software?
 1=Less then 5 minutes 2=5 to 9 minutes 3=10 to 14 minutes
 4=15 to 30 minutes 5=More than 30 minutes
21. How many times did you use the software?
 1=Only once 2=Twice 3=Three to four times 4=Five to ten times
 5=More than ten times
22. How long did you use this software in total?
 1=Less then 5 minutes 2=5 to 14 minutes 3=15 to 29 minutes
 4=30 minutes to 1 hour 5=More than 1 hour

1. Did you attend the lecture on UNIX permissions?

2. What is your major?

3. What is the most useful feature of UNIXvisual?

4. What is the least useful feature of UNIXvisual?

5. Did you encounter any problems when installing the software on your computer? Please explain.

6. Are there any new features you wish to be added to make this program better and more effective?