Reading Log Files
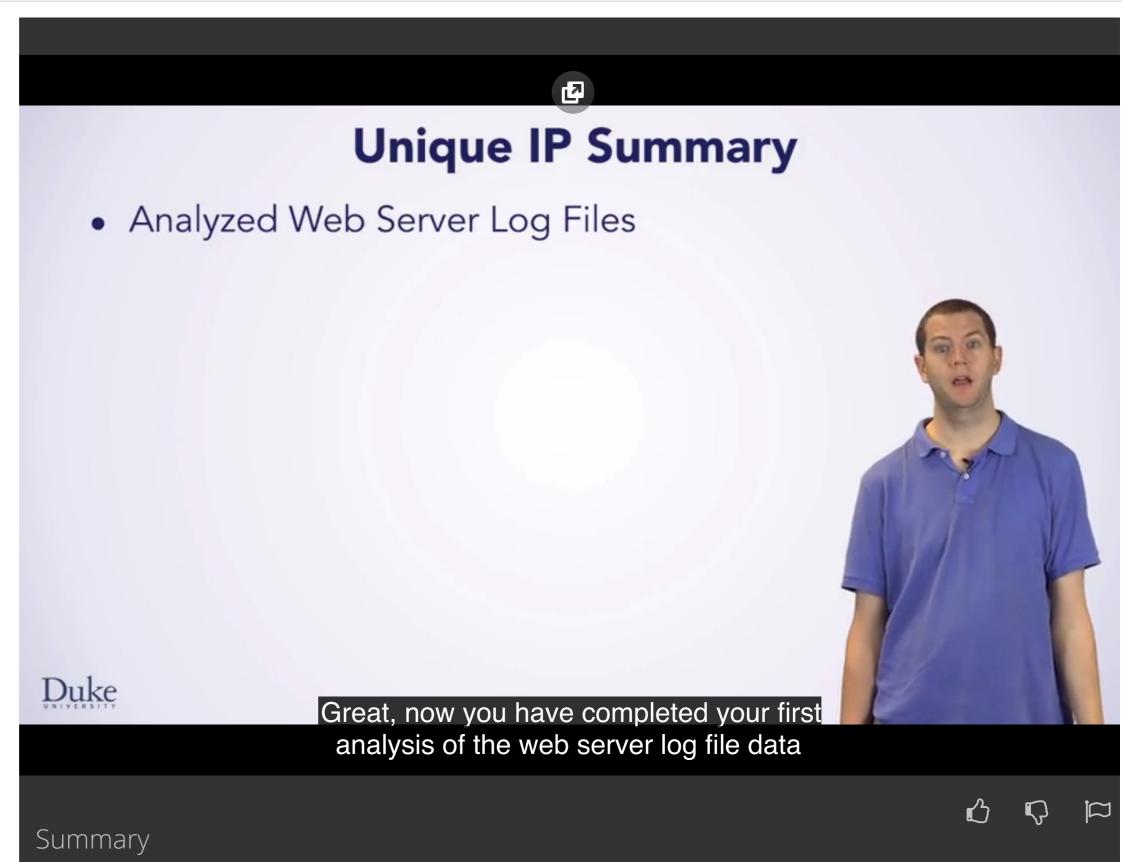
Finding Unique IP Addresses

▶ Introduction — 1 min

▶ Developing an Algorithm — 3 min

▶ Translating to Code — 3 min

▶ Equality — 4 min

▶ Summary — 43 sec

▤ Programming Exercise: Finding Unique IP Addresses — 10 min

★ **Practice Quiz:** Finding Unique IP Addresses — 4 questions

Counting Website Visits

Review

Unique IP Summary

• Analyzed Web Server Log Files

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Great, now you have completed your first analysis of the web server log file data

Summary

👍 👎 🚩

Have a question? Discuss this lecture in the week forums. ❯

Interactive Transcript

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0:03
Great, now you have completed your first analysis of the web server log file data that you read. You wrote code to figure out how many unique IP addresses there were, which gives you a good idea of how many people visited your site. Doing this gave you some great practice with ArrayLists which are useful for solving a wide variety of problems. And you also learned about Java's two different notions of equality. == which, tests if it's operands refer to exactly the same object and the .equals method which checks if two objects have the same logical meaning. Each class can define this method however it needs to, so that it can provide the appropriate definition of having the same logical meaning.

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