Outline
Outline

- Slides: Advantages/Spreadsheets/Privacy
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• Look at actual pages with a browser
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- Slides: Advantages/Spreadsheets/Privacy
- Look at actual pages with a browser
- Demo: we will create and use a grade book
Outline

- Slides: Advantages/Spreadsheets/Privacy
- Look at actual pages with a browser
- Demo: we will create and use a grade book
- time permitting: show the details
Web Advantages
Web Advantages

- Students can check your entries
Web Advantages

- Students can check your entries
- Students can get grades early
Web Advantages

- Students can check your entries
- Students can get grades early
- Students can get grades late
Web Advantages

- Students can check your entries
- Students can get grades early
- Students can get grades late
- What do I need on the final?
Web Advantages

- Students can check your entries
- Students can get grades early
- Students can get grades late
- What do I need on the final?
- It is cool and students like it
Spreadsheets

• The original killer application.
Spreadsheets

- The original killer application.
- Store data and compute
Spreadsheets

- The original killer application.
- Store data and compute
- Import and export options
Spreadsheets

- The original killer application.
- Store data and compute
- Import and export options
- Export: Comma Separated Values (or Tab)
Spreadsheets

• The original killer application.
• Store data and compute
• Import and export options
• Export: Comma Separated Values (or Tab).
• “Nole, Susan”,100,10,20,,

Blackboard Gradebook disadvantages

- Can’t bookmark the gradebook
Blackboard Gradebook disadvantages

- Can’t bookmark the gradebook
- Can’t upload a file
Blackboard Gradebook disadvantages

• Can’t bookmark the gradebook
• Can’t upload a file
• No calculation but total sum
Blackboard Gradebook disadvantages

- Can’t bookmark the gradebook
- Can’t upload a file
- No calculation but total sum
- Fields go the wrong way
Blackboard Gradebook disadvantages

- Can’t bookmark the gradebook
- Can’t upload a file
- No calculation but total sum
- Fields go the wrong way.
- Need garnet account
Privacy Issues

- Restrict access to data with the students name
Privacy Issues

- Restrict access to data with the students name
- Solution: web page contains no name
Privacy Issues

- Restrict access to data with the students name
- Solution: web page contains no name
- Students should only be able to see their own data
Privacy Issues

- Restrict access to data with the students' name

Solution: web page contains no name

- Students should only be able to see their own data

Solution: each web page has only student’s row
Privacy Issues

- Restrict access to data with the students name
  - Solution: web page contains no name

- Students should only be able to see their own data
  - Solution: each web page has only student’s row

- Solution: other pages are ‘hard’ to find
Example Web Page

- Live
Demo

- `~bellenot/gb/doit` or `doit.tabs`
- *Nexs* spreadsheet
- `make`
- `make install`
How you use it
How you use it

• nexeS foo.xs3 – update spreadsheet
How you use it

- `nexeS foo.xs3` – update spreadsheet
- `save; export csv; quit`
How you use it

- `nexit foo.xs3` – update spreadsheet
- `save; export csv; quit`
- `type ‘make’; check sample.html`
How you use it

- `nекс foo.xs3` – update spreadsheet
- `save; export csv; quit`
- `type ‘make’; check sample.html`
- `type ‘make install’`
How it works
How it works

- codes file format: CODE,NAME
How it works

- codes file format: CODE,NAME
- csv top row ,"total","hw2","hw1"
How it works

- codes file format: CODE,NAME
- csv top row ,"total",,"hw2",,"hw1"
- csv files format NAME,value,,value,value
How it works

- **codes file format:** CODE,NAME
- **csv top row:** "total","hw2","hw1"
- **csv files format:** NAME,value,,value,value
- **shell script transforms csv to html tables**
How it works

• codes file format: CODE,NAME

• csv top row ,"total" ,"hw2" ,"hw1"

• csv files format NAME,value,,value,value

• shell script transforms csv to html tables

• make – to remember what to do
At FSU
At FSU

- Set up script is based on the on-line roster
At FSU

- Set up script is based on the on-line roster
- Files in `~/bellenot/gb/` are readable
At FSU

• Set up script is based on the on-line roster
• Files in ∼bellenot/gb/ are readable
• also uses paste, sed, awk, sort, uniq, head
At FSU

- Set up script is based on the on-line roster
- Files in ∼bellenot/gb/ are readable
- Also uses paste, sed, awk, sort, uniq, head
- Each spreadsheet is a little different
At FSU

- Set up script is based on the on-line roster
- Files in `~bellenot/gb/` are readable
- Also uses `paste`, `sed`, `awk`, `sort`, `uniq`, `head`
- Each spreadsheet is a little different
- Use email to get the codes to the students