

Show and Tell – A work in Progress

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Goal

- Design a region in resource space as a destination for new and advanced users to find coding examples and ideas
- Create small html files that provide lists of “pockets” of materials by discipline
- Create sequences that reference a variety of open source problems that can be used as coding examples
- Create un-refereed lists of problems that people like – “Favorites” lists

Design

- Created as a separate Domain – Showntell
- “authors” are various topical areas, allowing co-author privileges to sets of discipline specific users as maintainers
- Using resource browser is a little bit awkward, but allows immediate viewing of source of problems using “Source Available” option

Suggested Topics for Basic Sample Problems

- Radiobutton Response (one of M)
- Optionresponse with and without concept groups
- Numerical Response
- Essay Response
- String response
- Ranking Response
- Matching Response
- Including Images
- Imageclick
- Exam Upload

Suggested Topics for Advanced Sample Problems

- Formatting numbers
- Formatting formulas
- Laying out a problem in creative ways (answer boxes embedded in text, aligning/centering, ...)
- Multipart problems
- Multipart problems with hidden parts
- More Gnuplot examples
- Problems based on entered student data
- Problems using library files
- Using Applets with randomization
- Examples that change wording
- Advanced Formula Response
- Use of Style sheets
- Interfacing to other Apps - Excel, Java, Flash, ...
- Using sound files

Caveats

- Want to make area fairly maintainable.
None of us wants to be constantly updating material here.
- Ordering of elements awkward and directory structures very permanent.
- Need to be careful in initial organization to avoid painful reorganization later

Any Suggestions?

- Looking for sample problems with good quality code
- Looking for volunteers to maintain discipline-specific areas

The
Learning
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Feedback Questions

Mark Lucas, Ohio University



Problem

- Want to provide convenient and efficient forum for asking questions for quiz review
- Want these automatically graded (extra credit)

Solution

- Post a stringresponse question with a textarea instead of a textbox
- Grade correct as anything but white space
- Set answer date off long enough they think you actually grade these (which you can if you want)
- Gather responses using STATS