

BREW Final Project

Must be returned via email to fjr@fredraab.com on or before Wednesday, May 17, 2006!

Grading for Final Project

Final project is 70% of course grade!

- C: Complete but non-working code
- B: Working code that meets the minimal requirements
- A: Bug free code that demonstrates one or more additional APIs
A's graded on a curve from A-, A, A+

The Fine Points

Points provide to indicate relative merit – not actual value!

MIF File

- Broken icons: -2 points
- Icons copied from other application: 0 points
- Custom icons: +2 points

Program Functionality

Maximum grade is a B+ if:

- *No extra APIs are demonstrated*
- *Text is not read from Resource File*
- *CLR key doesn't work as expected (and documented)*
- *Menus are not disabled when they are not active*

Program must response to SUSPEND and RESUME events

- Test in emulator using TAPI emulation: Start/End call
- Document expected behavior
- Extra points given for saving and restoring state: +2
- NOTE: SUSPEND must return TRUE; else a RESUME event will not be send

More than one additional API: +3

Enhanced menus: +2 to +4 points

Good sounding MP3 file: +1

Hidden lines in graphic not removed: -3

Code and Structure

Expected to be well structured; follow suggestions in handouts
Comments count!
Watch indentation.

Use of resource file to pass configuration parameters: +2
Use of GetDeviceInfo data: +2
Didn't use helper functions: -3

Bugs

Bugs can reduce an A to a B!

Will lose points if:

- Program crashes emulator (usually memory issues)
- Emulator issues memory warning upon program exit
- Program doesn't work as expected and behavior is not documented.
- CLR key doesn't backup
- Program doesn't respond to suspend and resume as documented.

Documentation

*Good documentation cannot save a bad program.
Bad documentation can hurt a good program.*

Document how CLR key works
Document how application responses to Suspend and Resume events

Doesn't meet requirements shown in handout: -5
Include screen shots: +2
Included screen shots illustrate program flow: +1
Well-formatted WORD document: +1
Text file: -2