Fundamentals of Magic

A Cabrita™ Workshop

by

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Agenda

- 8:30 Welcome and Introductions
- 8:40 Housekeeping / Expectations
- 8:50 Selection Lists
- 9:15 Maintenance Programs
- 10:00 Break
- 10:15 One to Many Programs
- 11:00 Simple Reporting
- 11:30 Interface Alternatives
- 11:45 Summary / Wrap-up

Introductions

- Your Name
- Company Name
- Magic Experience
- Brief Description of Work
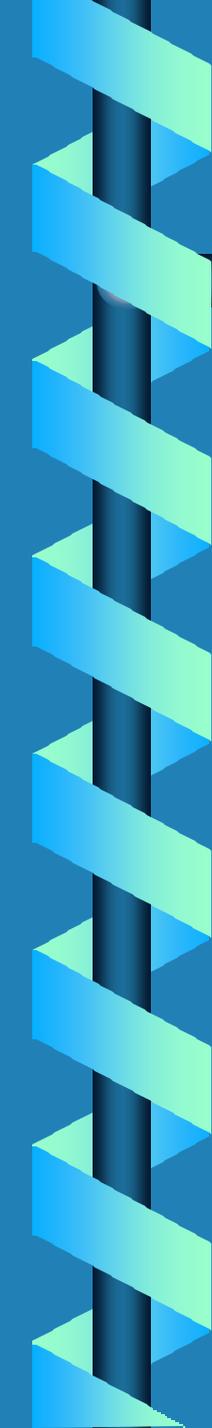- Hobbies / Interests

Housekeeping

- Sign-up Sheet (name, email)
  - Follow ups, stay in touch
- Breaks
  - Keep teacher on time!
- Temperature
- Expectations
 - What's on your list today?

Interface Style

- Color Usage
  - 3D gray is out (according to Mr. Blackwell) and our customer!
  - 2D earth tones are in!
- Form Properties
  - Min/max buttons turned off
- Identification
  - Program ID

Selection Lists

- Using a Selection List
  - Auto locate, titles, buttons, case insensitive searching, using expressions for non-key fields

- Properties
  - Selection expression is static
  - Select program (recursive zoom)

- Task Control
  - Allow create mode
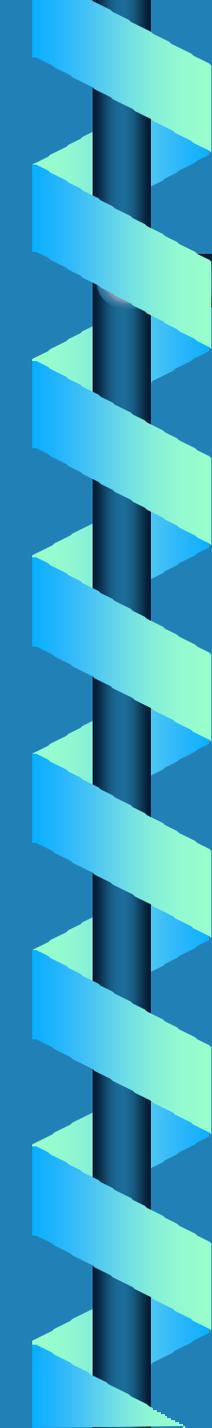
Selection Lists (continued)

- Record Main
  - Query mode, parameter passed from type, locate to parameter, monitor/debugger
- Record Suffix
  - Update parameter if calling task is not in query mode.
- Type Repository Connection
- Lists vs. Combo Boxes
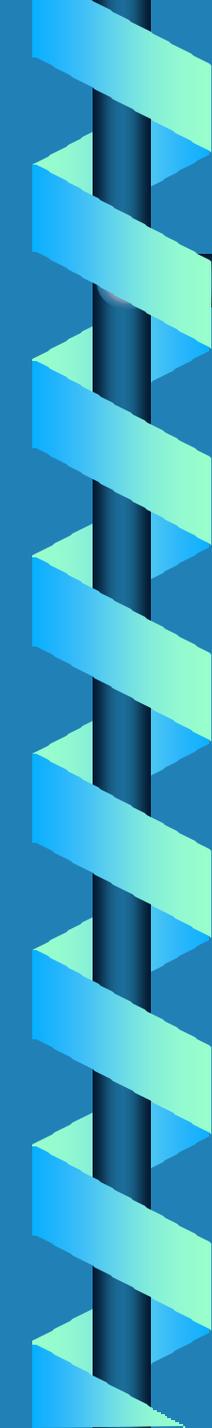
Maintenance Programs

- Cross Reference Window
  - Selection list similarities
  - Query mode but create allowed (trapped in task event table)
  - View refresh to reflect modifications, locating to added record option
- Work Task
  - Parameter passing
  - Dynamic title bar
  - Cancel button behavior (to park, or not to park)

Maintenance Pgms (continued)

- Work Task (continued)
  - Reread record from file, parent locking turned off, avoid locking conflicts
  - Lock record for password task
  - Non abortable record save, inform user that cancel no longer allowed
- Delete Task
  - Get Confirmation
  - Referential Integrity
  - Record no longer in view message
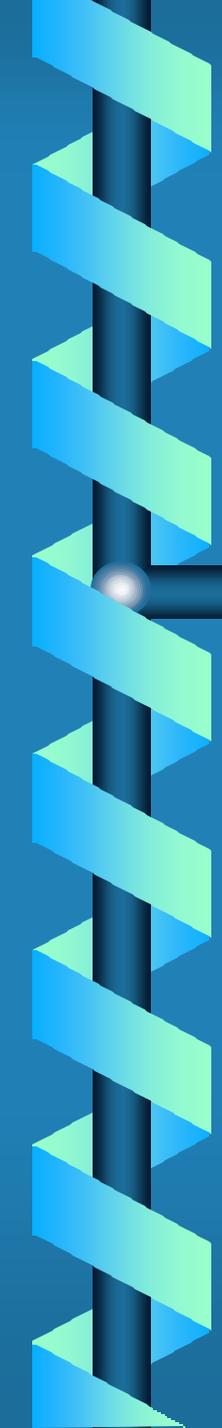
Break Time

Back in Ten…

One to Many
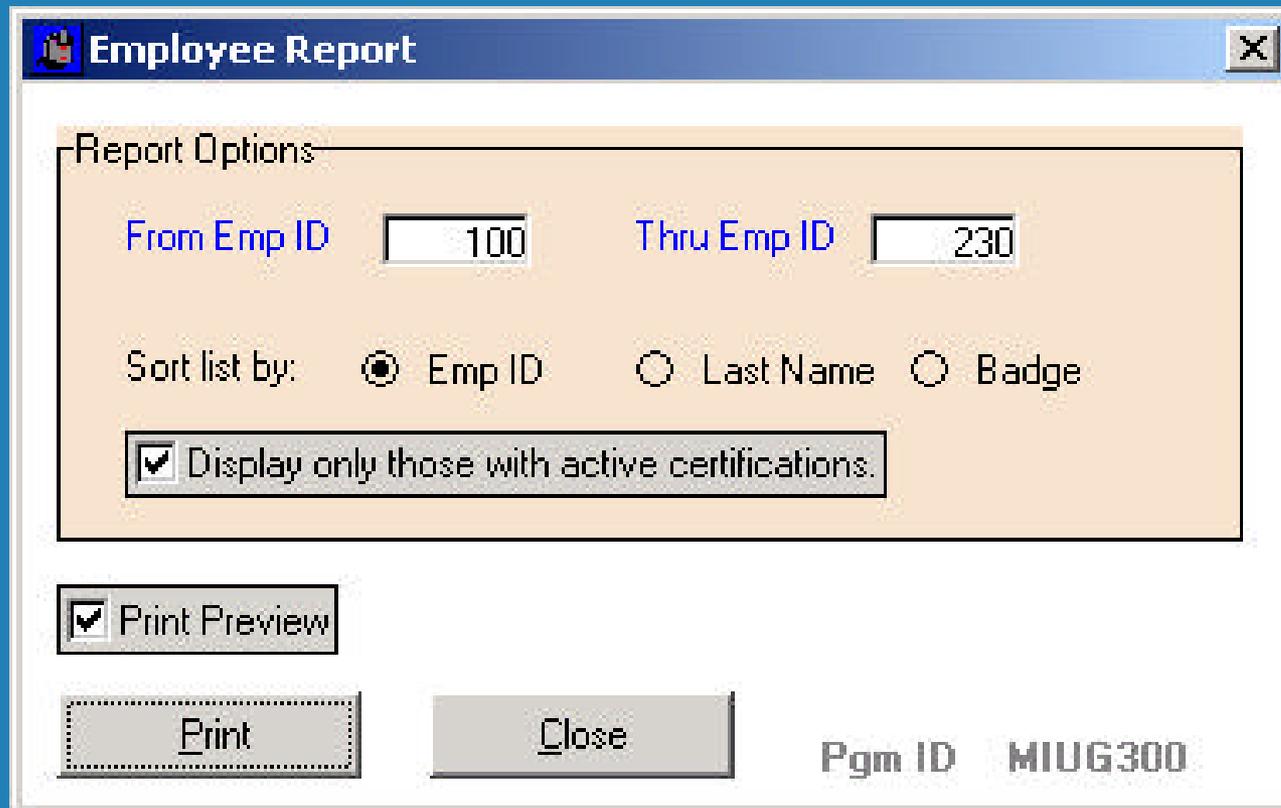
- Main Task
  - Cross reference style, query mode
  - Record prefix call to subtask
  - Record main call to subtask
  - Allow call by mouse or tab
  - Task properties end condition (single click close)
  - Current record highlight color (force record suffix)

One to Many (continued)

- Sub Task
  - Record main range on parent
  - Task properties end task condition level(1) = 'RP'
  - Task control behavior close window set to No
  - Form properties window open as child, no title bar, no border
  - Use caution with button scope

Reporting

- Filter Screens

Reporting (continued)

- I/O Files Table
  - Active window with user action
  - Print dialog/ Print preview
  - I/O properties (Page Headers & Footers)
- Report Headings
  - Configuration defaults
- Task Properties
  - End condition EOP(0,1)

Reporting (continued)

- ## Setting the Print Form
  - Landscape vs. Portrait
  - Allow for margins, accommodate printers
  - Units of measurement – don't use dialog units
- ## Forms Table
  - Order of header, footer, detail
- ## Use of Online Program
  - Range validation

Merge Reporting

- Similar to Standard Reporting
  - Use filter screens
  - File, field, and range selection the same
  - Class 0 form is the same
- I/O File Differences
  - Media is standard file, no I/O properties
- Forms Table Differences
  - Class > 0 forms are HTML merge
  - Properties contain most details

Interface Alternatives

- List Box vs. Tab

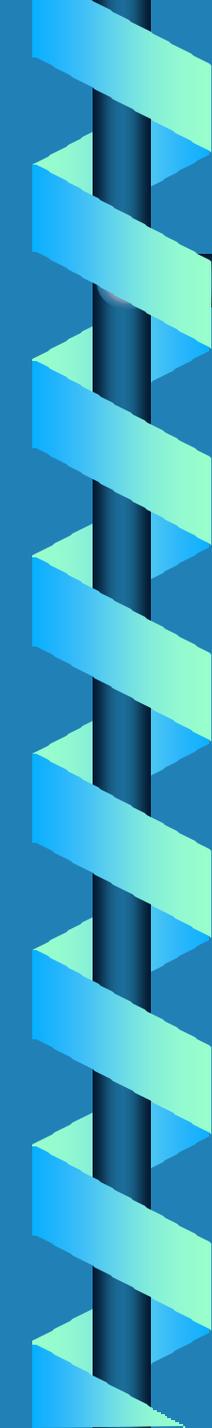# Interface Alternatives

- User Action as Condition

Radd Stuff

- Auto-Gen Browse Screens
  - Creating menus
  - Security

Summary / Wrap-up

- Selection Lists
- Maintenance Programs
- One to Many Programs
- Reporting
- Expectations Revisited

Thank You!

The Sorcerer's Apprentice is available from Trillium Custom Software, http://www.trillium-sw.com

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