Mesa gives good demo.   There are a number of flashy features in the program that bring smiles to the faces of Lotus Users.   Here are five nice features that are easy to demo:

Circular Reference Debugging:
Circular references (cells that wind up referring to themselves during recalc) are the bane of many Lotus users.   Lotus simply lights up an indicator that says, "Circ" but does not tell the user where the circular reference is.   Mesa has a recalculation debugging mode that shows the cells that were referenced so the user can figure out where the error is.   To demo it, simply open the "Other Demo Sheets/Circ.Mesa" file and then press Command-=.   The program will display the debug window showing the cells referred to during the recalc.

SmartFill:
People building spreadsheets frequently have to put dates or other series information as labels on the sheet.   Mesa makes this easy with SmartFill.   Select a range (preferably a dozen cells in a single row or column.)   Type "Jan" and press Shift-Return (this is the keyboard short-cut for SmartFill).   "Feb", "Mar", etc. will be filled in in the selected cells.   Type "January" and press the Enter key on the keypad. Notice the change.   Now try "Monday" or "Q1 '92".   You get the idea.

Drag & Drop Range Move:
If you have just finished with the last demo, you should still have a range selected. Press the Control key and while holding it down, click on the selected range and drag it.   This speeds up moving ranges.   If you want to make a copy of the range, instead of holding down the Control key, hold down the Alternate key.

Lotus Macros:
Open the "Other Demo Sheets/interest.wk1" file.   Press Control-C and watch the macro execute.

Tool Bar:
To open the tool bar, press Command-T.   To put commands on it, command-click on any menu item and drag the item onto the tool bar.   After that, the item always executes the command just like the menu command would.

The API
The API demo shows a simulated real-time stock feed of prices into Mesa (the real time part is real, the stock prices are random numbers.)   Run the MAPIDemo application in the API directory.   You will be prompted for a file.   Choose "Examples/API/MapiDemo.Mesa."   Click on the "Random Walk" button.