

From: Jon De Vaan
Sent: Friday, March 10, 1995 9:44 AM
To: brendand; dennisau; duanec; edf; mikeko
Subject: FW: Notes from 3/6 shell '96 meeting

Some interesting notes on chicago 96/97

From: Richard Wolf
To: Bill Bliss; Don Gagne; Jodi Green; Jon De Vaan; Lois Oien Bauer; Steve Brandij; Steven Sinofsky
Subject: FW: Notes from 3/6 shell '96 meeting
Date: Friday, March 10, 1995 9:17AM

Here are some notes from JoeB on a semi-regular meeting that I have with Joe, NT desktop folks, Billbl, Chrisjo, and Paulma.

Joe went over his plans for Nashville . As you can see, he would like to provide rich views on FAT, including categorization and custom columns. He intends to beef up the list view control to make it cursor based and then plug it into OFS via OLEDB IRowSet, which OFS will provide. He would like Office DocMgmt to provide IRowSet over FAT. I brought up that the FAT provider would only be present when Office was installed and there was some discussion on that point. We should not be surprised if at some point systems approaches us asking to include that code in Windows. We should think of Nashville occuring some time in early 97, say 9 months after Office 96 ships.

Other items of interest:

I'm to make sure that we coordinate our version check with systems to make sure we properly detect the new shell on NT. I explained what we were doing today. SteveBr, I saw you mentioned on this in the 96 status report, so why don't we talk.

Also, someone mentioned that SteveBr should talk to DavidStu on the MAPI-OLEDB impedance match, as he has apparently done some research on this in the past.

Here's a one-pager I handed out on how we were handling the lack of the Win 95 shell under NT 3.51 and how we were dealing with PSD's decision to not publish some APIs that Ren needed.



SHELLAP2.DOC

RussellW thinks

here are more issues involved so I will talk to him.

From: Joe Belfiore
To: Paul Maritz; Bill Bliss; Chris Jones; Frank Artale; Richard Wolf; Seth Pollack
Cc: Joe Belfiore
Subject: Notes from 3/6 shell '96 meeting
Date: Monday, March 06, 1995 6:10PM

Notes from the meeting today:

- there shouldn't be any issues with shell extensions being run robustly on NT. The big ones (namespace extensions) end up in a separate process, and the little ones (icon handler, prop sheet handler, etc.) are OK in the shell's process.
- doesn't appear to be any problem with lack of API support in win95 for Office/Ren. Everything has an alternative or is punted.

Here's the notes on Systems '96 Shell Plans I described:

General:

1. no major changes to existing code
2. add features as follows:
 - things win31 users/ISVs complain about in Win95
 - things that prep us for Memphis
 - things that sync us with Cairo plans/functionality

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Features:

- Control enhancements (ListView should handle cursors, have custom columns, do categorization, allow arbitrary icon sizes)
- New "rich details" view (can do fast queries/sorting on OFS *or* FAT+content indexer; supports categorization, and win31-style filtering of folder contents (Search Toolbar))
- Enhanced "Find" (can exploit OFS or FAT+content indexer speed, searches on arbitrary properties, specifically supports searches on defined OLE summary properties)
- Extensibility enhancements (views can be added generically, views can provide toolbars)
- Other Win95 complaint fixes:
 - a) tree-down in Explorer left pane when GoTo is a lengthy operation
 - b) Explorer rooting UI
 - c) OLE/Shell integration fixes (eg. file type stuff)

And finally, action items:

- follow up with Marvel to see how/when they will run on NT. (FrankAr)
- check on the availability of the Cairo team's indexer as our solution for fast search/sorting on FAT. (JoeB, SethP)
- check on what PIDL the Office guys can stuff into their LNK files so we can deal with them on w95 (JoeB)
- Find out more details about the "lower level" interface the Ren guys are going to use in place of ShellNotify. (JoeB)
- Make sure we're in sync on how to detect whether NT has the new shell or not. (RWolf to talk to CameronF)

Office Graceful Degradation on NT 3.51

Shell Interface	What happens
IShellFolder	Office has its own implementation of ShGetFileInfo (helper function) under NT that supports exactly what Office needs: display name, icon, type
IContextMenu	No context menu in MOM on NT
IShellLink	Office looked at Win 95 link code to implement subset of link functionality on NT. This subset fits Office scenarios only. There is an interoperability issue, but it is difficult to trigger - the link files Office creates will not resolve correctly if they ever end up on NT. This is because Win 95 link implementation fails if the PIDL part of the link is empty (links have two parts - PIDL and relative path). Office supports only the relative path part of the link. If we think this is worth fixing then Win 95 should tell us what to put in the PIDL part to tell Win 95 to look in the relative path portion of the link.
Tray	There is no tray on NT so when we detect we are on NT we don't add document windows to the tray. Our developer does not see any barrier to this working on NT when NT does have a tray.
AppBar	No tray so we don't use this interface.

No Publication of various shell APIs

Shell API	What happens
Undo	Can catch undo in some circumstances, but in some cases undo will not work
Shell notification	Use lower level interface with help from ChrisG
Find computer	Punt
PIDL	Use file system but slower