We will need an MS-DOS 6 before Win4 in mid-93. Lots of good ideas
on how to do it. Memo later this week ..

33
From bradsi Mon Jul 22 17:17:12 1991
To: davidcol
Subject: Re: Spot Check Of Epson 24-pin Driver
Date: Mon, 22 Jul 91 17:17:11 PDT

has he checked LJ yet?

what is the list of printers by popularity for windows?

>From davidcol Mon Jul 22 17:07:20 1991
To: bradsi
Subject: Re: Spot Check Of Epson 24-pin Driver
Date: Mon Jul 22 17:06:59 1991

Tim has targeted to spot check 1 printer per week

34
From bradsi Mon Jul 22 18:33:14 1991
To: alexm davidcol tomle
Subject: RE: what do you think?
Date: Mon, 22 Jul 91 18:33:09 PDT

>From chrisan Mon Jul 22 18:09:18 1991
To: bradsi
Cc: franzr johans
Subject: RE: what do you think?
Date: Mon, Jul 22, 1991 6:09 PM

Overall the proposal makes good sense. The concept of late resource binding
is great. Ten minutes to do the compile might be looked upon negatively by an
end user though. I have talked with JohanS, my engineering manager, and have
specific comments below. I am also forwarding it to FranzR in the Product
Group for comments

chris

> >From alexm Thu Jul 18 17:54:47 1991
> Subject: Localization Issue Breakthrough
>
> We've been working this week on determining the most feasible method
> to preinstall Windows in such a way that users can make a choice as to
> the language version they want.

I assume that this method is for installing one language
version of Windows, i.e. the what language the desktop will
be in as well as the default settings for that language.

Q: How will the common dialogs be supported?

>
> Currently, Windows in each language flavor must be installed en whole,
> and the user or reseller must delete all other unneeded languages after
> a choice is made. The disk hit can be upwards of 80 MB, depending on
> how many language versions need to be installed, and user deletion of
> ?
> all remaining languages resulting in a badly fragmented disk before
> the first session of Windows is even run.

Q: Will the user be able to re-install Windows using another
language with relative ease? What will that procedure be
like? How will the multiple kb??? and lang??? dlls be
supported.

>
> With the expert help of GerardZ and Terry Russell, we were able to
> determine that a desktop resource compile, pulling in resource files
> for each individual language at the time, will build a localized ver-
> sion without the need to ship extraneous files.

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>
> Here are the preliminary steps in the new process:
>
>   1. Hard disk is installed with the following:
>
>   - the rc.exe compiler (about 56K)
>   - 1 .res file and 1 .exe file for each desktop prog
>   (e.g., progman, accessories, main group items, etc.)
>   varying in size

Q: will there be a default language that is pre-compiled in
the .exe files so that the speed hit described below can be
minimized for the default case?

Q: could the .res files be converted into .dlls? Is this
acceptable/desireable/efficient? How would the system
determine what .dll to use and how would it handle error
conditions?

>   - 1 copy of the resource-compiled windows files, such as user.exe,
>   gdi.exe, and others. These don't need to be localized.
>   - 1 copy of krnlxxx.exe and win386.exe, and other files not
>   resource compiled, for each language.
>   This localization issue is more difficult, as language speci-
>   fics are hard-coded into the .exe. More on this later.
> ?

This really needs to be determined!
Q: can these be patched at setup time? Is this desirable/
secure enough?

>   - 1 copy of a batch file that executes compile, and build.
>
>   2. When the user gets their system, the batch file is automatically
>   executes that asks the user to make their choice in language.
>
>   3. The resource compiler kicks in, rolling in the specific language
>   .res file with the .exe file and creating the localized version,
>   directing the output to the destination Windows directory, where
>   the other non-language specific files are waiting
>
>   4. A copy of the Win386.exe and krnlxxx.exe files for the specific
>   language is copied over to the destination Windows directory.
>
>   5. A deletion program goes over to the working build directory and
>   erases working .res files, etc.
>
>   7. Go international Windows!
>
>
> Compile time is about 6 seconds per .res files, and their are about
> 60 files that need compiled, making compile time complete in about 10
> minutes. Additional time may/may not be required if files need
> ?
> uncompressed as they are built
>
> We're working on additional details, and will be putting together a
> design recommendation for OEMs for system structure, directory struc-
> ture, etc. but thought you might want to know the headway we've made.
>
> Kudos to Gerard and Terry for their help
>
> Let me know if you want to discuss further details.
>
> Alex

35
From bradsi Mon Jul 22 18:35:56 1991
To: c-anton
Subject: Re:
Date: Mon, 22 Jul 91 18:35:55 PDT

I doubt a microsoft product manager said os2 2.0 will run win apps
He probably said (or meant to say, and was misquoted) that ibm
promises that os2 2.0 will run windows apps so there is no reason at
all to write a pm app.