Date: Tuesday, June 09, 1992 12:16PM

Reminder, the first Sparta Focus Squad Meeting is:

Wednesday June 10 1 pm - 3 pm in 2/2103

From: Brad Chase
To: Greg Lowney; Russell Siegelman
Cc: Brad Silverberg; Eric Straub; Karl Stock; Richard Freedman
Subject: RE: how big?
Date: Tuesday, June 09, 1992 12:21PM

we should make it a practice to always negotiate for both MS-DOS and
Windows at the same time.
i'll have legal look to see what update rights we had under the old
novell contract

> From: Greg Lowney
> To: Brad Chase; Russell Siegelman
> Cc: Brad Silverberg; Eric Straub; Karl Stock; Richard Freedman
> Subject: RE: how big?
> Date: Mon, Jun 8, 1992 5:46PM
>
> I have only dealt with license agreement for Windows, not for MS-DOS.
>
> For Windows we have the right to ship the same components as in Win31
> as long as we don't rev the version number up a tenths digit.
>
> BNETX is not covered; at the moment they feel that there is no need for
> us to ship it because it is still the first version, and it works with
> Windows, therefore no one will need to upgrade an older version to this
> version. If they want to take advantage of its features, they have to
> purchase the new NLM to support it anyway, and then they get the BNETX
> for free. They have agreed to consider letting us distribute it when
> and if they add bug fixes which would provide a case where people who
> already had the NLM would have to upgrade the client side s/w. I have
> an ongoing conversation with Andy Cox at Novell about this, but it is
> slow going. I am really going to hammer him when they rev ?netx to
> support the int24 fix, and I think we will get the rights to distribute
> it at that point.
>
> Bnetx is 58K, netx is 52K. Compressed they are and 42K and 38K,
> respectively.
>
> I've appended to the end of this mail the long original discussion of
> the packet burst shell, for reference.
>
> >From bradc Mon Jun 8 17:22:36 1992
> X-MSMail-Message-ID: 253B0EAD
> X-MSMail-Conversation-ID: 253B0EAD
> X-MSMail-WiseRemark: Microsoft Mail — 3.0.620
> >From: Brad Chase <bradc@microsoft.com>
> To: russs
> Date: Mon, Jun 08 92 16:56:39 PDT
> Subject: RE: how big?
> Cc: bradc bradsi ericst greglo karlst richf
>
> bradsi indicated differently. greg could you confirm what our rights are?
>
> > From: Russell Siegelman
> > To: Brad Chase
> > Cc: Eric Straub; Karl Stock; Richard Freedman
> > Subject: RE: how big?
> > Date: Mon, Jun 8, 1992 1:08PM
> >
> >
> > Why would you want to include in Astro? As I say I don't think this is a
> > big deal.
> >
> > Also, under what contract will you include ANY NetWare drivers in Astro.
> > The contract we have is just for Windows, it says nothing about DOS.
> >
> > I don't know how big it is, but probably not much bigger than NETX.
> > RussS
> >
> > > From: bradc
> > > To: russs
> > > Cc: ericst; karlst; richf
> > > Subject: RE: how big?

Date: Monday, June 08, 1992 12:43PM

yes i meant the burst mode driver. ok what do we have rights to and
how many K is it?
i ask about it for inclusion in astro
————————

From: Russell Siegelman
To: Brad Chase
Cc: Eric Straub; Karl Stock; Richard Freedman
Subject: RE: how big?
Date: Mon, Jun 8, 1992 9:32AM

I am not sure what you mean by "high performance driver", but if you mean
burst mode driver they released within the last couple of months, we do
not
have the rights to it. We could easily try to get it as an addendum to
existing contract.

Why do you ask? BTW, the burst mode shell is really only interesting on
WANs despite whatever marketing hype they may be spreading. It just adds
a
windowing protocol to IPX similar to what we have in NETbeui.
RussS
————————

From: bradc
To: russs
Cc: ericst; karlst; richf
Subject: how big?
Date: Monday, June 08, 1992 08:48AM

is the netx driver we have rights to from novell? the high performance
driver

From: Greg Lowney
To: Brad Silverberg; David Cole; Terri Bronson
Cc: Eric Rudder; John Enslein; Russell Siegelman
Subject: RE: Novell announcement
Date: Wednesday, April 22, 1992 4:19PM

We did not ship the burst mode shells because they were not officially
released or announced until now. We were given beta versions but did
not receive final. They will be sending it to us and we should get it
tomorrow. They expect us to put it on the WDL along with the others;
I'll take care of getting a letter explicitly adding it to the list
of NetWare Client Software components covered by our license agreement.
They're also sending us all the server stuff and release notes.

The packet burst shell basically implements two new features:

First, it adopts the same sort of sliding-window algorithm that is used
by LAN Manager: when there are a lot of errors, it decreases the frequency
with which it sends packets, and when there are few errors it increases it.
This allows it to dynamically adjust to different wire conditions.

The second is that it can send a cluster (or burst) of several packets
without waiting for an acknowledgement for each one, only getting a single
acknowledgement back from the server when the entire burst has been
received. This can theoretically speed up overall performance by reducing
the number of acknowledgement packets being sent over the wire.

While the burst shell was designed for large networks and WANs, because
they experience the highest number of errors and thus benefit when the
shell slows down transmission, Novell feels that the smaller but noticeable
benefit on other systems will cause it be widely adopted and eventually
replace the standard shell. However, Russ and Eric seemed less impressed.

The burst shell can be used to talk with any server regardless of whether
or not the server can talk burst mode. In order to take advantage of
burst mode you need to load the PBURST NLM on your NetWare 386 server,
and you also have to add a new line to the workstation's SHELL.CFG file

(which contains NetWare options). The entry "PBBuffers = n" where n
is a number, typically 2 or 3. If the line is not present, or the server
is not running the PBURST NLM, the shell will behave exactly like the
original NETX.COM.

They decided not to support burst mode in EMS or XMS shells. They had
originally planned to have six shells total, but in the end have only four:
NETX.COM, EMSNETX.EXE, XMSNETX.EXE, and BNETX.COM.

Final note is that burst mode, as Novell puts it, "pushes the lan drivers
to the max". Most older net drivers won't work reliably with burst mode
at all. I'll have to call their retail support line to find out if it works
with our LB drivers; it would be a pain if it doesn't.

As I mentioned before, the worst part of their announcement is that it
will give readers the impression that what they are shipping is an
improvement over the files in the Win31 box. Other than the burst-mode
shell, that is not the case, and even the burst-mode shell has the same
Windows support as the shells which we are shipping today. This should
somehow be clarified for people.

When we get the new shell we should do some testing with it...Terri, do
you still have any bandwidth for this type of thing?

From: Sharon Hornstein
To: DOS/WIN Group
Subject: PSG Org Chart...
Date: Tuesday, June 09, 1992 12:53PM

...is posted on my relite window.
I usually update this every 2 weeks and will continue to keep
the most recent chart posted for you to see.

Thanks . Sharon . 3.2039

From: Brad Chase
To: Brad Silverberg; Paul Maritz
Cc: Jonathan Lazarus; Mike Maples; Steve Ballmer
Subject: FW: DR and Lotus
Date: Tuesday, June 09, 1992 12:40PM

fyi, we must be aggressive with the Upgrade
i will talk to norton
_____
From: Sandy Duncan
To: SYS Intl Ms-Dos Info Distribution; Hans Apel
Cc: Bill Inglis; Brad Chase; David Britton; SYS MS-DOS Marketing
Team; Jeff Lum; John Leftwich; Phil Buggins; Stephen Oliver
Subject: RE: DR and Lotus
Date: Tue, Jun 9, 1992 8:57AM

Latest is a full page ad in one of teh UK trade mags (PC Dealer).

Frontline (one of our distis !) is advertising a free copy of DR DOS
with 1-2-3 (rel 2.4), Dbase IV and, wait for it .... Norton Desktoip
for Windows !!!

The offer is "while stocks last"

This is representative of DR's strategy to gain market share via the
retail market, then using this to leverage OEM business.

Regards, Sandy

_____
From: Hans Apel
To: SYS Intl Ms-Dos Info Distribution
Cc: Brad Chase; David Britton; SYS MS-DOS Marketing Team; Stephen Oliver
Subject: RE: DR and Lotus
Date: 04 June 1992 16:11

What is happening?