From: Ben Slivka
Sent: Wednesday, May 14, 1997 7:43 PM
To: Tracy Sharpe; Atsushi Kanamori
Cc: Michael Toutonghi; Charles Fitzgerald
Subject: how we call Win32 DLLs from Java now

Categories: MMedia

Can you write me up an explanation of how this works?
thanks, bens

—Original Message—
From: Brad Silverberg
Sent: Wednesday, May 14, 1997 12:23 PM
To: Ben Slivka
Subject: RE: DirectX and Talisman Update (Java JDK 1.2 support)

good. you should also explain further the method we have for calling win32 dll's (and that people said it can't be done).

—Original Message—
From: Ben Slivka
Sent: Wednesday,May 14,1997 11:35 AM
To: Bill Gates; John Ludwig; Charles Fitzgerald
Cc: Aaron Contorer; Paul Maritz; Brad Silverberg
Subject: RE: DirectX and Talisman Update (Java JDK 1.2 support)

To quote charles on JDK 1.2 support: "No fucking way!"

The Java community is having a hard time digesting JDK 1.1, and while it has important new features (like Beans), it still has that crappy AWT stuff, shitty printing, the list goes on and on. JDK 1.2 has JFC, which we're going to be pissing on at every opportunity.

This summer we're going to totally divorce Sun. Apple's announcement yesterday that they will encourage Rhapsody developers to write in Java and call native Rhapsody services was a mere shadow of what we're going to be encouraging developers to do..

We'll come out swinging with AFC, with our new Multi-Class File format (for packaging both native code as well as byte codes, saves lots of space), with Java language extensions (peteku/andersh are driving), with very easy-to-use support for calling Win32 DLLs (we demo'd a Petzold app written in Java, complete with message pump, windprocs, etc. -- you had to look very close to see that it was Java), with classes for DirectX and DHTML, with Enterprise AFC classes (that's all I can remember off the top of my head). We're really juicing up our JIT compiler -- peteku just checked in function inlining last night, and we've got a P5 instruction scheduler, too. Our latest VM beats all comers (Sun, Netscape, Symantec) in almost every single benchmark.
--bens

—Original Message—
From: Bill Gates
Sent: Wednesday, May 14, 1997 11:21 AM
To: John Ludwig
Cc: Aaron Contorer; Ben Slivka
Subject: RE: DirectX and Talisman Update

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I would be very glad to talk about this. Christine - see if we can get a time to talk in the next 2-3 week setting aside an hour.

I did stick a few "barb" comments into that email about cross platform which I should have avoided but it's a key topic that has me worried.

The email exchange this morning with Charles Fitzgerald was very helpful to my thinking on this. I think supporting JDK 1.1 is fine and I am hard core about NOT supporting JDK 1.2. I really needed to understand where we were going to draw the line because I am so afraid of the slippery slope.

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If you think we should support JDK 1.2 its ok but you will really have to explain why and where it stops.

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