From:	Charles Fitzgerald
Sent:	Friday, March 15, 2002 12:30 PM
To:	George Spix
Subject:	RE: MS Java VM / Suns JRE

What is pathetic is that it took Sun this long to do this - they could have done it 6 years ago. If they spent a even a hundredth of the time they spend whining on software development, they might not be in a position where they have to spend all their time whining.

-----Original Message-----
From: George Spix
Sent: Friday, March 15, 2002 9:20 AM
To: Charles Fitzgerald
Subject: FW: MS Java VM / Suns JRE

Hard to claim we tie given what hooks are available for things like this...

-----Original Message-----
From: Kevin Miller
Sent: Tuesday, March 05, 2002 10:39 AM
To: Jim Allchin; Craig Symonds; Michael Wallent
Cc: LaVonne Copps; George Spix; Sanjay Parthasarathy
Subject: FW: MS Java VM / Suns JRE

Interesting Java wrinkle. The latest JRE lets you make Sun's VM the default for running applets in IE.

Kev

-----Original Message-----
From: Jeff Bisset
Sent: Tuesday, March 05, 2002 10:36 AM
To: LaVonne Copps; Kevin Miller; Linda Norman (LCA); Ed Wayt; Derek Murman
Subject: RE: MS Java VM / Suns JRE

Indeed. At java.sun.com, follow link: "Get the early access Java Plug-in for Windows XP"
http://java.sun.com/getjava/download.html

Towards the end of setup it asks if you want to have the JRE take over as the default for running applets in IE (the option is selected by default). I didn't grab that UI, but it looked pretty much like the following which is from the control panel item that they install.

<< OLE Object: Picture (Metafile) >>

After the install I closed everything down and went back to the java.sun.com site and verified that the JRE is running the <APPLET>'s on that page, not us.

Looks like they modified the COM registration for our VM's activex control (the control that runs inside of IE). The bit in red below was added. I wasn't aware of this COM setting, but it is obviously a way to redirect to a different control. (if not obvious, these are exported chunks of the registry)

[HKEY_CLASSES_ROOT\CLSID\{08B0E5C0-4FCB-11CF-AAA5-00401C608501}]
@="Web Browser Applet Control"

[HKEY_CLASSES_ROOT\CLSID\{08B0E5C0-4FCB-11CF-AAA5-00401C608501}\InprocServer32]
@="E:\\WINNT\\System32\\msjava.dll"
"ThreadingModel"="Both"

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Date 7-25-02 Exhibit # 8
Case Sun. vs. Microsoft
Deponent Wallent
Reporter JoAnn Bowen, RPR
Naegeli Reporting Corporation
(800) 528-3335 FAX (503) 227-7123

```
[HKEY_CLASSES_ROOT\CLSID\{08B0E5C0-4FCB-11CF-AAA5-00401C608501}\ProgID]
@="MSJava"

[HKEY_CLASSES_ROOT\CLSID\{08B0E5C0-4FCB-11CF-AAA5-00401C608501}\TreatAs]
@="{CAFEEFAC-0013-0001-0002-ABCDEFFEDCBB}"
```

Note the cute, java-centric, GUID, which of course points at one of their DLLs:

```
[HKEY_CLASSES_ROOT\CLSID\{CAFEEFAC-0013-0001-0002-ABCDEFFEDCBB}]
@="Java Plug-in 1.3.1_02 <applet> redirector"

[HKEY_CLASSES_ROOT\CLSID\{CAFEEFAC-0013-0001-0002-ABCDEFFEDCBB}\InprocServer32]
@="E:\\Program Files\\JavaSoft\\JRE\\1.3.1_02\\bin\\npjava131_02.dll"
"ThreadingModel"="Apartment"

[HKEY_CLASSES_ROOT\CLSID\{CAFEEFAC-0013-0001-0002-ABCDEFFEDCBB}\MiscStatus]
@="0"

[HKEY_CLASSES_ROOT\CLSID\{CAFEEFAC-0013-0001-0002-ABCDEFFEDCBB}\MiscStatus\1]
@="2449"
```

If you go into their control panel UI and uncheck the IE option, then they remove the
'TreatAs' subkey on our registration and we revert back to the control that is used inside
IE.

Jeff

-----Original Message-----
From: LaVonne Copps
Sent: Tuesday, March 05, 2002 10:16 AM
To: Kevin Miller; Linda Norman (LCA); Ed Wayt; Derek Murman; Jeff Bisset
Subject: FW: MS Java VM / Suns JRE

Jeff is looking at this now. Looks like they may be able to replace us (at a basic
level).

   -----Original Message-----
From: Ed Elliott
Sent: Tuesday, March 05, 2002 3:32 AM
To: Java Discussion Alias
Cc: John Watkins
Subject: MS Java VM / Suns JRE

Hi,

We have a customer who is looking at both the Suns Jre and our Java VM and they are
looking for any compettitive information we might have - is there anything available, like
the pros / cons of each?

Also, I was under the impression that you could have both installed and the jre would use
an object tag and the claid and our vm would use the <applet> tag - but I have just
installed the latest version of the jre and it is being used instead of our Java vm
(reprod on a page with just the <applet> tag) - is this the right behaviour?

Any help would be appreciated.

Thanks,

Ed Elliott
IE / IEAK
Microsoft Ltd (UK) - Product Support Services

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