From:	Chad Magendanz
Sent:	Tuesday, August 22, 2000 12:26 AM
To:	Autumn Neault; Chris Guzak; Scott Harrison, Todd Ouzts, Piero Sierra, Debra L. Weissman; Richard Barrett; Stephane St-Michel
Cc:	Kirt Debique; Kevin Larkin; Linda Averett; Geoff Harris
Subject:	Minutes: WMP and AutoPlay

Summary. This meeting was an opportunity for the Shell team to demo Autoplay integration in Whistler and discuss open issues with the WMP team. Overall, integration work for WMP should be small and the Shell team has provided samples for code and setup.
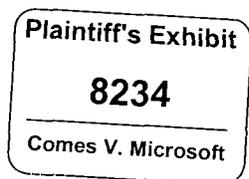
Details

• We have a hack in place for WMP that passes files on the command line, but this implementation is limited by the command line buffer size. We would prefer that WMP take an object handle, which should be fairly simple and leverage code already in place for drag & drop handling.

• Guz looked into the multi-select open scenario and it looks like new instances of the player are handing control back to the first instance and just *replacing* the target file rather than appending them into a list. Consequently, the file that actually plays is the last file selected.

• WMP needs to register as an Autoplay handler for all devices However, this leads to the question of how WMP could register as a handler to devices that might be connected after install. Apparently, apps can register has a handler for a device class, which should handle this situation. Regardless, it may make sense that if a new device shows up with the same class as a current device, we should simply inherit the handlers of the original device

• One problem right now is that there's PnP class ID for audio players. We need to start a thread with the PnP team to see if we can define a new class and define what commands they would support Obviously, we'd need to consider support for legacy devices and would need evangelism support to push IHVs to support the standard commands. (***Chad***)

• The shell is currently creating a temporary .ASX file to play music from the My Music folder. Since 3rd-party players won't support this file format, we should instead use M3U files (***Todd***)

• The WMDM (Windows Media Device Manager) APIs currently are currently only supporting one name descriptor and one icon type (32x32) for FS devices, which leads to poorly scaled icons and drive letter names being used inside WMP when the shell has much richer custom icons and friendly names. We need to work to refresh the SP (Service Provider) for this device type so that we can provide richer information for the device in WMP. Dennis Flanagan has apparently picked up WMDM issues and we need to ensure he's also in this loop. (***Kevin***)

• If Kevin and Dennis find if difficult to get someone to own updating the SPs for FS devices, then Guz suggested that the Shell team might pick this up.

• WMDM doesn't give notifications when media is ejected or replaced, but Guz suggested that they might look for the PnP events and refresh the list of devices.

• From our usability testing, we've seen that some users will attempt to set Autoplay associations from within the player, looking for an option where they might set the association like some set file associations. Geoff took this feedback, but suggested that the solution would likely be a buried option that would have discoverability problems and wasn't optimistic about it actually being implemented. (***Geoff***)

• There was some discussion about what should happen if blank media is inserted. For unformatted media, we should probably offer to format it However, for blank formatted media, it's difficult for us to determine what the most likely next event would be, so we decided that we should simply open a folder. (***StephStM***)

• WMP will provide Stephane with a list of file extensions WMP can handle that aren't currently on our list. (***Geoff***)

• We need to confirm that Vicky and the other hardware evangelists are pushing device manufactures to register Autoplay handlers in their INFs. (***Chad***)

• Dev contacts in WMP for much of this work will likely be Gabriel DeBacker and Kip Olson. Test contact is Carolina Jurgensen.

Changes or corrections? Please let me know and I'll consolidate them ASAP

Chad

-----Original Appointment-----

From:	Autumn Neault
Sent:	Wednesday, August 16, 2000 9:27 PM
To:	Autumn Neault; Chris Guzak; Scott Harrison; Todd Ouzts; Chad Magendanz; Piero Sierra; Debra L. Weissman; Richard Barrett;

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Stephane St-Michel
Cc: Kirt Debique; Kevin Larkin; Linda Averett
Subject: Updated: RESCHEDULE: WMP and AutoPlay
When: Monday, August 21, 2000 4:00 PM-5:00 PM (GMT-08:00) Pacific Time (US & Canada); Tijuana.
Where: Conf Room 9/2269 (10) AV
Importance: High

the WMP team needs to be spec complete by 8/23, so we need to move this mtg up sooner   ScottHar, TOuzts and Piero will be out but Chad and Deb are available at this time.
thanks!

we need to sync up on WMP deliverables for AutoPlay in Whistler.