

MICROSOFT - 11/9/95

- ↳ Maritz
- ↳ Marshall Brummer
- ↳ Brian Moran - IHPK Jim Mgr
- ↳ Craig Frehig -

- Gill
- Maritz
- Anastas
- Weinrib
- Dave Haight
- Landsman

↳ Gill: Operating Principles, etc.

<p>↳ <u>TOP 5 (Platform)</u></p> <ul style="list-style-type: none"> → RT services in Win 95/NT → 3D → DMJ → USB → Video Capture 	<p>↳ <u>TOP 5 (Intet/Apps)</u></p> <ul style="list-style-type: none"> → RT Protocols → App Sharing → Data Security → Broadcast Internet → AOAC (f/MSN) → ISDN
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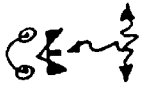
↳ App Sharing → *Maritz - will disturb them get them to be more Internet - contric
 → ProShare on NT -



↳ RT Protocols

↳ RTP → Focused on multicast - have we done anything to optimize f/Point-Point?

↳ We'll do Indeo 4.1 to make sub-band codec available

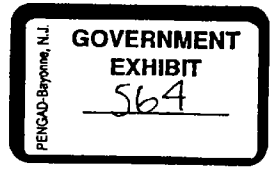


↳ Planning to implement RSVP & RTP implementations "next year" → "roughly middle of the year" ~~at the~~ ~~start~~

→ interested in pushing in Multicasting
→ important for cable & satellite

→ NDIS 4.0 work is proceeding → DDK w/ Cairo (late '96)
→ Review for Interactivity, TUI etc.

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(A2) Abel W to get together w/ Dave Thompson

→ { Rashid@
microsoft.com } * Craig Mundie → * Paul Leach
 Rick Rashid → CSD - Technology of Broadband, etc

→ Tiger going out w/ Real-time stuff on the Internet next month

→ uses custom protocol (for audio)

→ Don't want to use RTP for video
 → No vested interest in RTP-like stuff

want
eng
mgr
network

Maize: Internet Overview

→ "We're threatened by the Internet"

→ Approach

↳ Entrance / Extend / Change
 (the nature of the Internet experience)

↳ "Clone unashamedly"

→ Client

→ "Clone everything of importance"

→ "Keep [the browser] a commodity"

- no loyalty in users, they'll flip browsers
- "Netscape is nothing but proprietary extensions" - MS will copy everything

↳ Live Script - Yes

- Unify Browser w/ Shell/OS

- have common viewers/browsers part of windows
- common framework for multiple servers/services
- bundle viewers/runtime w/ windows
- HTML ... + "Office" viewers

→ use OLE to pull in related views

→ view-only apps available free

- "Co-opt 'page-view' as standard view for local and remote info"

- Framework

- name resolution / access
- service / security
- services

→ Had meeting last week w/ all browser vendors except Netscape

HTML page-like view for file mgmt, etc

- Releases every 4-6 months
 - Explorer 2 - now
 - " 3 - Q1/02
 - " 4 - Q2/03

→ "Standards"

- Framesets - "Left Pane / Right Pane"
- Livescript - "Co-opt Java"

→ Value-Added Extensions

- OLE hosting
- DOC Obj
- Shell Integration
- VB scripting / Sandboxing
- Secure Download
- Conferencing / Phone
- RTF extensions in HTML

→ Later: Forms Runtime

→ Data sharing / iPhone App sharing

→ "Kill HTML by extending it"

→ 2000 or so new

in line code inside a page

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Looking @ Sandboxing of binary code

* Server - "Catalyst"

- MS extensions
 - Blackbird Store, Office Doc request, SQL, Exchange, ... (Connectors)
- Std Protocols
 - FTP, HTTP, Audio/Video
- Base Server
 - All on top of NT Server / Back office

• Electronic Retailing Services (ERS)

↳

* Tools

- Redirect authoring environments to "*ML"
 - ↳ ex "Forum³" project

↳ HTML++

↳ (only presented 9 of 12 foils)

↳ 2 more foils

* Change the Internet Experience

- ↳ Object models
- ↳ Beyond HTTP/URLs - Hyper-G
- ↳ Integration w/ voice / video / telephony
- ↳ 3D
 - Will be taking Talisman to standards today, etc.

+ "Platform Battle - will fight with both Apps and Systems cross"

"Will fight Internet battle w/ MS content as all in Windows OS / Platform"

Maritz →

↳ Joint efforts - voice/video/telephony
↳ we should follow-up on this

* Java - Maritz

- 2 uses:

• Netscape → small experiments w/in LiveScript
in Netscape 2.0

• Sun → Java OS to replace both Win
and Netscape

→ Decent development environments (like
Vis Basic) needed

→ May need to clone Java, but

→ Need to get OXs implemented

→ Battle will be:

- Netscape LiveScript vs. VB → and putting it on Mac
- Sun Java vs. OXs

→ Maritz: "Can't deny Java"

→ 80-person Developer's Conference last week
→ Intel didn't get invited

* Maritz → "Java component model - we should try
to keep it from getting established"

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* Gill → Intel feels Java has potentials
going to invest in it
→ a private lab activity

* Maritz → "We should do it with VB
instead ... but don't know
how we could help"
"Also help evangelising OXC work"

* Maere → ~~Internet~~ Server

→ Gill: frustration over not being able
to get OEM NT license

* InterCast

→ Maritz: Direct TV PC w/ Gateway
→ MS would get access to BTW (6 Mb/sec)

→ General-purpose
infrastructure for
broadcast data

→ handed to
content group

→ re-use of
protocols

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→ MS will do stack for Direct TV
→ Intel can do VBI stack

→ Get capability into Internet Explorer

★ → Backend Server/Sequences
↳ Have discussion about MS doing this

★ Bryan ↔ Saver
• Evangelize PC as recipient of video services

★ → InterCast → Intel + MS decide what to do along
Plug-n-Play model



Brian Moran ↔ Mike Richmond

Checkpoint w/ Maritz & Gill in ~ 1 month

→ IHPC: Gateway i ~ \$3k price-point w/ 35" monitor & DBS
↳ Hope to ship next year

no satellite "early next year"

in time for Xmas

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→ Direct TV engagement

→ Combine into video + web experience

→ Building generalized "policy list" implementation
→ SW download
→ Stock tickets
→ Webinars
→ subscriber mgmt
→ security

