New Technical Notes
Macintosh

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Macintosh Protocol Package Q&As
Networking   **M.NW.MPP.Q&As**

Revised by: Developer Support Center   October 1992
Written by: Developer Support Center   October 1990

This Technical Note contains a collection of Q&As relating to a specific topic—questions you've sent the Developer Support Center (DSC) along with answers from the DSC engineers. While DSC engineers have checked the Q&A content for accuracy, the Q&A Technical Notes don't have the editing and organization of other Technical Notes. The Q&A function is to get new technical information and updates to you quickly, saving the polish for when the information migrates into reference manuals.

Q&As are now included with Technical Notes to make access to technical updates easier for you. If you have comments or suggestions about Q&A content or distribution, please let us know by sending an AppleLink to DEVFEEDBACK. Apple Partners may send technical questions about Q&A content to DEVSUPPORT for resolution.

New Q&As and Q&As revised this month are marked with a bar in the side margin.

MPP stands for Macintosh Protocol Package handler
Written: 2/28/92
Last reviewed: 2/28/92

What does "MPP" stand for? We know it's a lower-level driver that contains code to implement ALAP (Link Access Protocol), DDP (Datagram Delivery Protocol), NBP (Name Binding Protocol), and RTMP (Routing Table Maintenance Protocol) stuff, but we're curious to the point of not being able to do any work :) Macintosh Packet Protocol? Multiple Problem Protocol?

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MPP stands for Macintosh Protocol Package handler. XPP stands for eXtended Protocol Package handler; ATP stands for AppleTalk (originally AppleBus) Transaction Protocol handler; DSP is Data Stream Protocol handler; LTM is Link Tool Manager; and MNP is Microcom Networking Protocol, implemented by AppleTalk Remote Access across the remote link. Hope you can get some work done now ;)

RAM-based AppleTalk driver fixes Mac Plus PNSendRequest error
Written: 1/1/91
Last reviewed: 1/1/91

I get an odd address error when using PNSendRequest on the Macintosh Plus. The Macintosh Plus has version 19 of the .MPP driver. Is there is an INIT or something that patches the older Macintosh models with the newer drivers?

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Inside Macintosh suggests checking the .MPP driver version to see if the new driver is available (version >= 48).

You need the RAM-based AppleTalk drivers on the older Macintosh models to use the calls documented in Inside Macintosh Volume V. The RAM-based AppleTalk driver is available as an AppleTalk System file, and you need to place it in the System Folder of your Mac Plus.

X-Ref:
"The AppleTalk Manager," Inside Macintosh Volume V

PKillNBP aKillQEl pointer
Written: 6/12/92
Last reviewed: 9/15/92

Where can I get the Q element pointer for a PLookupName call in order to call PKillNBP?

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The pointer that you pass in the parameter block to PKillNBP, is the pointer to the parameter block of the outstanding lookup request. If several lookup requests have been made asynchronously, and are outstanding, then you would take the pointer to each parameter block and issue separate PKillNBP calls for each lookup to kill the request on.

Each asynchronous lookup request along with other asynchronous requests to the drivers get queued for processing. The KillNBP request takes the pointer to the parameter block of the outstanding request and searches through the driver queue, looking for a match. When a match is found, the request is dequeued and the driver notified of the action. If the request has already been dequeued—for example, if the original lookup request was completed while the PKillNBP was made—a cbNotFound error (error -1102) will be returned.