

# New Technical Notes

Macintosh



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Developer Support

## Connection Manager Q&As Communications

Revised by: Developer Support Center

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Written by: Developer Support Center

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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.

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### Use Gestalt to check for Macintosh Connection Manager support

Date Written: 8/15/91

Last reviewed: 8/15/91

My driver uses the Macintosh Communications Toolbox. How can I check to make sure the system software version supports CTB?

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The solution to this sort of problem is to use the Gestalt mechanism to find out precisely what services/features are available. Full information on using Gestalt is available in *Inside Macintosh* Volume VI, on your System 7.0 CD. Gestalt can be called at interrupt time so drivers can use it, although there is a caveat included in the documentation. Also, using MPW 3.2 or later, you can call glue code that will let you use Gestalt even if it is not in ROM or in the System file, which is handy. This should provide exactly what you need for your driver.

### Connection Manager and connection records

Date Written: 8/30/91

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When my application quits after using the Connection Manager to create a connection record but before the record is disposed, I can no longer create a connection record. Even if I exit the application and re-launch, it still does not work unless I re-boot. Is this a bug?

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The behavior you describe is normal for Communications ToolBox 1.0. This has to do with how the CTB manages mapping shareable resources, heap zones, Resource Manager interactions, and all that. If you have a ConnectionHandle in a heap zone which is opened and you then dispose of the heap zone without closing it, the Connection Manager will be confused about life in general until you restart the Macintosh.