



Tech Info Library

Open Transport PPP 1.0f1c9: Beta Release (10/96)

Revised: 10/4/96
Security: Everyone

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TOPIC -----

This article is the enclosed file with the Open Transport PPP 1.0f1c9 beta release.

DISCUSSION -----

Name: Open Transport PPP
Version: 1.0f1c9
Released: September 23, 1996

Description: Unsupported beta release of Open Transport PPP 1.0. For complete information, please see the Read Me included with this software.

OT PPP 1.0f1c9 consists of 1 disk:

Name as Posted	Actual Disk Name
OT PPP 1.0f1c9.sea	OT/PPP Install

This software is available in two formats (disk images and "Net Install"):

1) A self-extracting archive of a Disk Copy 1440K disk image. To use, download, double-click the downloaded file (this decompresses it), and use Disk Copy to create the disk. Disk Copy can be found in the Utilities folder posted here.

2) A complete OT PPP 1.0f1c9 "Net Install". It includes all software from the OT PPP 1.0f1c9 disk image plus the contents of OT PPP 1.0f1c9-Extras.sea. This posting is provided as a convenience for those customers who:

- want to download just one file.
- want a pre-configured "Net Install" to place on their hard drive or on a server.

PLEASE NOTE: You do not need to download the "Net Install" if you have already downloaded the disk image of OT PPP 1.0f1c9 and the OT PPP Extras.

From the Read Me included with this software:

Open Transport/PPP
Internet Beta Seed Number 2
Cover Letter

Dear Beta Tester!

Thank you for your interest in our software and willingness to take the time to perform beta testing. This is one of multiple rounds of beta testing, and as the software matures have increased the number of users testing it. This version is being released to all registered Apple Developers, selected customer seed sites, and publically on the Internet. The public seed will commence after OT 1.1.1 goes GM.

Open Transport/PPP requires Open Transport 1.1.1b8c5 or later and has similar CPU and system requirements: 68030 processors and above, or Power Macintosh machines, and on System 7.1, 7.1.1., 7.1.2, or System 7.5.3 or later. System software 7.5.3 may be required by certain application software. Please refer to the 'Read Me Before Installing' file for more information. Open Transport 1.1.1b8c5 is available as a public beta release in the "unsupported" folder on Apple Software Updates sites. You must install OT 1.1.1b8c5 or later before installing this release of OT/PPP.

This release does not come with Apple Technical Support. Apple staff and 3rd party developers will be monitoring the Internet newsgroup comp.sys.mac.comm and we recommend that be the first place you go for help. We will also be publishing information related to PPP on the Open Transport web site <<http://dev.info.apple.com/opentransport>> as we understand the common questions people ask.

Open Transport/PPP provides IP over PPP functionality for dialup clients. It is the first PPP implementation for Mac OS using STREAMS (the native OT API), the first PPP that is native on Power Macintosh, and is the first PPP for Mac OS capable computers that does not use the MacTCP MDEV API (which will be retired with the Mac OS 8, replaced by STREAMS). Apple has developed this PPP implementation from the ground up and it does not share code with any currently shipping PPP implementations. Open Transport/PPP is compliant with the following RFC's:

- * RFC 1661 - PPP
- * RFC 1662 - PPP in HDLC-like framing
- * RFC 1334 - PPP Authentication protocols
- * RFC 1332 - IPCP Internet Protocol Control Protocol
- * RFC 1144 - Compressing TCP/IP Headers for Low-Speed Links

The release includes the IP/PPP client, manual connect & disconnect, CHAP & PAP, terminal window, connect (chat) script, and auto-connect, and an AppleScript scripting addition. The distribution also includes CCL scripts for many popular

analog and ISDN modems. Users interact with the software through the TCP/IP, PPP & Modem control panels.

The OT/PPP API will be provided in a subsequent beta release.

We are particularly interested in your testing OT/PPP interoperability with a wide variety of PPP servers and internet providers, as well as exercising the software in general.

Please use the template included with the distribution when submitting bugs.

If you are a customer who is part of Apple's Customer Quality Feedback (CQF) seeding program for Open Transport, please report bugs to your CQF contact. More information about CQF can be found at <<http://www.cqf.apple.com>>

If you are a developer, please use the enclosed template and send your bug reports to DEVSUPPORT@applelink.apple.com and cc: ppp-beta@seeding.apple.com.

If you are an Internet Service Provider or customer who is not part of one of Apple's developer programs, please send your bug reports to paris-seed@seeding.apple.com. Please send any comments of a more general nature to ppp-beta@seeding.apple.com.

Please read the 'Read Me Before Installing' file contained in this seed package for valuable and late-breaking information.

This release also includes a tool we are developing to make it easier to generate modem scripts for new modems, the Apple Modem Script Generator. The scripts MSG generates may need manual fine-tuning. If you are a modem developer and creating CCL scripts for OT/PPP, please contact Beth Reed <reed1@applelink.apple.com> in Evangelism so that we can make sure you're notified of any late breaking changes or enhancements to the CCL language. Please feel free to send any comments concerning the Modem Script Generator to msg@seeding.apple.com.

The ARA Modem Scripting guide in Acrobat format is also included with this release. Though it has not yet been updated to describe PPP-specific changes to the CCL language it should prove a valuable reference for writing and understanding CCL's you need to manually edit.

Thank you for your interest in Open Transport/PPP.

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