Apple Remote Access 2.0.1 Client: Read Me File (5/94)

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TOPIC ---

This article is the Apple Remote Access (ARA) 2.0.1 Read Me File.

DISCUSSION --

APPLE REMOTE ACCESS CLIENT
FOR MACINTOSH READ ME
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This document provides late-breaking news about the Apple Remote Access Client
that is not covered in the "Apple Remote Access Client User's Guide." You may
need to refer to that guide to understand the use of several terms in this
document, and you may want to print this document to keep with your user's
guide.

Modems Supported by the Apple Remote Access Client
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Scripts that support most popular modems are provided on the Remote Access
Client installation disks. The majority of these scripts are supplied in all
countries in which the Remote Access Client is sold. Additional scripts are also
provided for a number of countries to meet the particular needs of those
communications environments. The scripts include:

All countries

V.32bis modems (14,400 bps):
  Apple Express Modem
  Global Village PowerPort Gold
  Global Village TelePort Gold
  Hayes Optima 144
  Microcom QX4232bis
  Prometheus ProModem 144e
  PSI Powermodem IV
  Supra SupraFax v.32bis
  Telebit WorldBlazer

V.32 modems (9600 bps):
  Global Village PowerPort Silver

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   Global Village TelePort Silver
   Prometheus Promodem 96
   PSI Powermodem III
   Supra SupraFax Modem Plus
   Telebit QBlazer
   Telebit T1600
   US Robotics Sportster

V.22bis modems (2400 bps):
   Apple 2400
   Global Village PowerPort Bronze
   Global Village TelePort Bronze
   Hayes Optima 2400
   Microcom AX 2400C
   Prometheus Promodem 24
   PSI PowerModem II

Cellular support:
   Applied Engineering DataLink PB and Applied Engineering Axcell Cellular
    Interface
   Microcom Cellular Data Link 300

ISDN support:
   Hayes ISDN adapter

Czechoslovakia
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CZ Sample Script • Apple 2400

Germany
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57,600 bps:
   Andante EAZ0 v2 (V.24 ISDN Adapter)
   Andante EAZ1 v2
   Andante EAZ2 v2
   Andante EAZ3 v2
   Andante EAZ4 v2
   Andante EAZ5 v2
   Andante EAZ6 v2
   Andante EAZ7 v2
   Andante EAZ8 v2
   Andante EAZ9 v2

25,000 bps:
   Motorola 326x (Fast) v2

19,200 bps:
   MDG 19K2-31 v2
   MDG 14MX-22 v2

14,400 bps:
   euroScout v2
   Express Modem 14400 v2
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  Global Village Test v2
  PriCom 14.4  v2
  TELEJET 14400 v2


9600 bps:
  CN-3532 SA Plus v2
  CN-3532 SA v2
  FURY 9600 TI v2
  MicroLink 9624 v2


2400 bps:
  Apple PowerBook/Portable v2
  CN-3522 SA Plus v2
  CTK EuroCoupler Akustikk. v2
  CTK EuroCoupler Modem v2
  Dialog 2400 MNP v2
  FURY 2400 TI v2
  GVC SuperModem 2400 MNP v2
  GVC SuperModem 2400 v2
  MAKK-CHAMPION Akustikk. v2
  MAKK-CHAMPION Modem v2
  MDG 2400-11 v2
  MDG 2400-21 v2
  MicroLink 2410 v.2
  Personal Line 2400 MNP v2
  TELEJET 2400 v2
  Worldport 2400 MNP v2


Switzerland
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19,200 bps:
  ZyXEL U-1496


9600 bps:
  FURY 9600 TI v2
  NOKIA PMD 9600


NOTE: You can delete any unneeded scripts from your Extensions folder,
      which is located inside your System Folder. To recognize scripts,
      look for files listed as "Modem Link Tool Personal documents."
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Using AppleTalk Remote Access Version 1.0 or Apple Remote Access
MultiPort Server Modem Scripts With the Apple Remote Access Client
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You can use modem scripts included with the Apple Remote Access MultiPort Server
with the Apple Remote Access Client. You can also use AppleTalk Remote Access
version 1.0 modem scripts with Apple Remote Access Client, but certain new
features, such as Ignore Dial Tone, Manual Dialing, and MNP 10 support, won't be
available. You cannot use Apple Remote Access Client modem scripts with
AppleTalk Remote Access version 1.0.

Calling an AppleTalk Remote Access Version 1.0 Server
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The AppleTalk Remote Access 1.0 Compatibility option allows you to call a
version 1.0 server and to receive callbacks from a 1.0 server. With version
2.0.1 you do not have to check the compatibility box as described in Chapter 2
of the "Apple Remote Access Client User's Guide".

Using an MNP 10 Modem
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MNP 10 is an error-correction protocol that allows for more reliable data
connections over cellular modems. Clicking the "Use MNP 10 error correction
in modem" checkbox puts MNP 10 modems into cellular mode. Although MNP 10 is
designed primarily for cellular modems, some users have found that it can also
improve performance of conventional land lines. Do not click the "Use MNP 10
error correction in modem" checkbox to use MNP 10 over land lines rather than
over a cellular link.

To establish an MNP 10 connection, both your modem and the modem you're calling
must support MNP 10; clicking the "Use MNP 10 error correction in modem"
checkbox in the Remote Access Setup window is not by itself sufficient to
establish an MNP 10 connection.

Using Aliases With Apple Remote Access
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To create an alias over an Apple Remote Access connection:

1. Select the alias icon.
2. Choose Get Info from the File menu.
3. Click the Locked checkbox.

If you don't lock the alias, the alias may accidentally be converted to call the
wrong Apple Remote Access server or to access services across your local
network.

Using the Manual Dialing Feature
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Establishing a Remote Access connection with manual dialing varies according to
the type of modem you are using. To ensure that you can make a connection while
using Manual Dialing, you may need to experiment with pressing the Connect
button slightly before or after you hear the remote modem answer the phone.

Using the Redialing Feature
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Remote Access Client attempts redialing only when the phone number that has been
dialed is busy. If the connection attempt fails for any other reason, Remote
Access stops redialing so that you can correct any problems.

With the Redialing option, set the "Time between retries" number to five seconds

or greater. Anything less than five seconds may not give your modem sufficient time to reset, so the serial port will be busy and unavailable for redialing.

With the Redialing Alternate Number option, the main number is dialed once before the redialing sequence is initiated. The redialing sequence then alternates between the main and alternate numbers.

Using DialAssist
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If you are calling within a country with no city or area codes, and you encounter problems using DialAssist, try entering a space in the "Connect To City/Area Code" box in your connection document.

Serial Port Arbitration
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When a Remote Access connection is established, Remote Access prevents other application programs from using the serial port selected in the Remote Access Setup control panel. Most programs will inform you that the port is in use.

Remote Access Client provides this port arbitration through a system extension called the Serial Port Arbitrator located in the Extensions folder. Some programs that use the serial port may not be compatible with this extension. If you suspect that a program is not compatible with the Serial Port Arbitrator:

1. Remove the Serial Port Arbitrator file from the Extensions folder.
2. Restart your Macintosh.
3. Try the program again.

NOTE: The Serial Port Arbitrator will not work on a Macintosh if Remote
       Access Client has not been installed.

Macintosh Computers Using Virtual Memory
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If you are using a Macintosh IIfx, Macintosh Quadra 900, or Macintosh Quadra 950 and have virtual memory turned on:

1. If necessary, install the Serial Switch control panel from the "Install 2" disk.
2. Open the Serial Switch control panel.
3. Set the serial port setting to Compatible.

Modem Cable Requirements
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Most modems require a cable that supports the data terminal ready (DTR) signal. In addition, certain modems require a cable that supports CTS/RTS hardware flow control. To support DTR, the cable must connect pin 20 on the DB-25 connector to pin 1 on the Mini DIN-8. To support CTS/RTS, the cable must connect pin 5 on the DB-25 connector to pin 2 on the Mini DIN-8 and pin 4 on the DB-25 connector to pin 1 on the Mini DIN-8. See your modem vendor or Apple-authorized dealer to

obtain the necessary cable.

Using Express Modem or GeoPort
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If you are using Express Modem software with either an Express Modem or a
GeoPort telephone pod, you must turn on 32-bit addressing in the Memory Control
Panel. Using 24-bit addressing may result in a software crash.

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