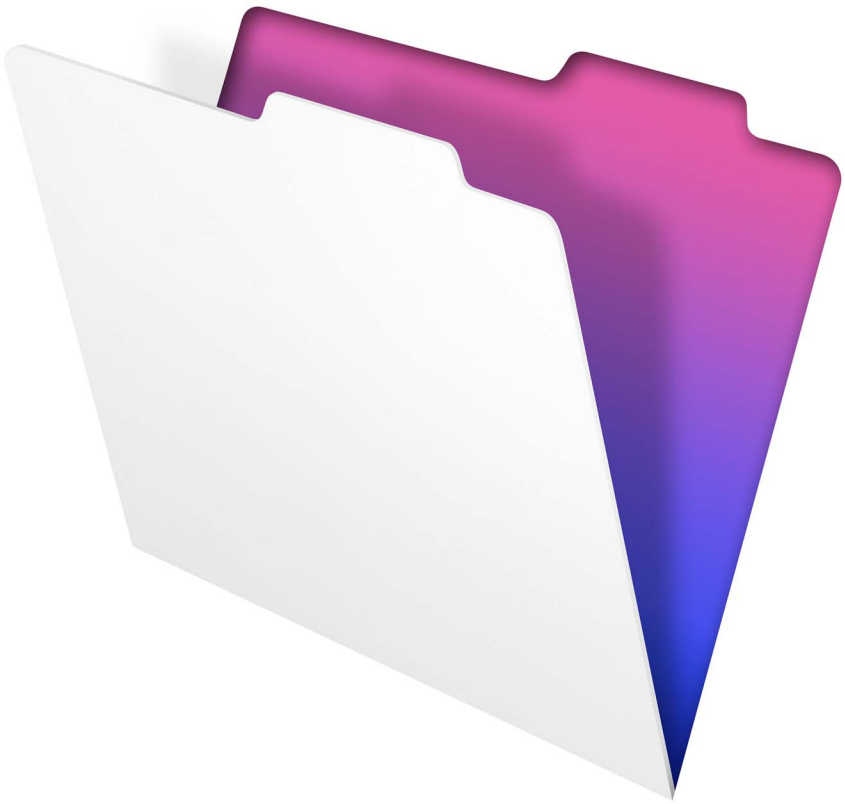
FileMaker® Pro 11

Running FileMaker Pro 11 on Terminal Services



© 2007–2010 FileMaker, Inc. All Rights Reserved.

FileMaker, Inc.
5201 Patrick Henry Drive
Santa Clara, California 95054

FileMaker is a trademark of FileMaker, Inc. registered in the U.S. and other countries. The file folder logo is a trademark of FileMaker, Inc. All other trademarks are the property of their respective owners.

FileMaker documentation is copyrighted. You are not authorized to make additional copies or distribute this documentation without written permission from FileMaker. You may use this documentation solely with a valid licensed copy of FileMaker software.

All persons, companies, email addresses, and URLs listed in the examples are purely fictitious and any resemblance to existing persons, companies, email addresses, or URLs is purely coincidental. Credits are listed in the Acknowledgements documents provided with this software. Mention of third-party products and URLs is for informational purposes only and constitutes neither an endorsement nor a recommendation. FileMaker, Inc. assumes no responsibility with regard to the performance of these products.

For more information, visit our website at www.filemaker.com.

Edition: 01

Contents

Chapter 1
Introduction to Terminal Services

About Terminal Services 5
- Terminal Services server 5
- Terminal Services client (Remote Desktop Connection) 5
- Remote Desktop Protocol (RDP) 5

Benefits of using Terminal Services 5
System requirements 6
Installing Terminal Services client software (Remote Desktop Connection) 6

Chapter 2
Using FileMaker Pro with Terminal Services

Installing FileMaker Pro on a Terminal Services server 7
- Installing FileMaker Pro on a Terminal Services server (Windows Server 2003) 7
- Installing FileMaker Pro on a Terminal Services server (Windows Server 2008) 8

Deployment recommendations 8
Environments for deploying FileMaker Pro files 9
- Non-shared files 9
- Connecting to FileMaker Server 9

FileMaker Pro feature issues 9
FileMaker Knowledge Base articles 9

Appendix A
Standard requirements

FileMaker, Inc. standard requirements 11
- Volume License Agreement (VLA) 11
- Site License Agreement (SLA) 11

Windows Server 2003 or 2008 and Terminal Services license requirements 11

Chapter 1
Introduction to Terminal Services

About Terminal Services

Terminal Services is a component of Microsoft Windows Server 2003 and Windows Server 2008 that lets you remotely access applications installed on a Windows Server 2003 or 2008 machine from a wide range of machines over most types of network connections.

Terminal Services has three components: the server, the client, and the protocol by which the server communicates with the client.

Terminal Services server

When you are running Terminal Services in application server mode, all applications are run on the server. The Terminal Services server sends only screen information to the client and receives input only from the mouse and keyboard.

Terminal Services client (Remote Desktop Connection)

The Terminal Services client, called Remote Desktop Connection (RDC), uses thin-client technology to provide the Windows Desktop to users. The client only needs to make a connection with the server and display the visual information that the server sends.

Remote Desktop Protocol (RDP)

The Remote Desktop Protocol (RDP) is automatically installed when you install Terminal Services. RDP is the only connection you need to configure in order for clients to connect to the Terminal Services server. You can configure only one RDP connection per network adapter.

Benefits of using Terminal Services

- Organizations can deploy Windows-based applications on older systems that may have inadequate resources.
- Users can continue to use their current operating system and applications.
- Organizations can deliver Windows-based applications to a variety of desktop environments and over LANs and WANs.
- Administrators only need to install and update one copy of an application on a server machine instead of on all the computers in their network.
- Networked applications will perform better over slow network connections.

System requirements

The hardware requirements for Terminal Services depend mainly on how many clients will be connecting at a time and the usage requirements of the clients. For more information, see www.microsoft.com.

The following clients are supported by FileMaker, Inc. at this time. Other clients may work as expected but have not been tested with FileMaker® Pro and are not currently supported.

- Windows: Terminal Services Client (Remote Desktop Connection) version 6.1.7600 (Windows 7) running in Internet Explorer version 8; version 6.0.6001 (Windows XP) or version 6.0.6000 (Windows Vista) running in Internet Explorer version 7.0.5730.11
- Mac OS: Remote Desktop Connection Client for Mac 2.0

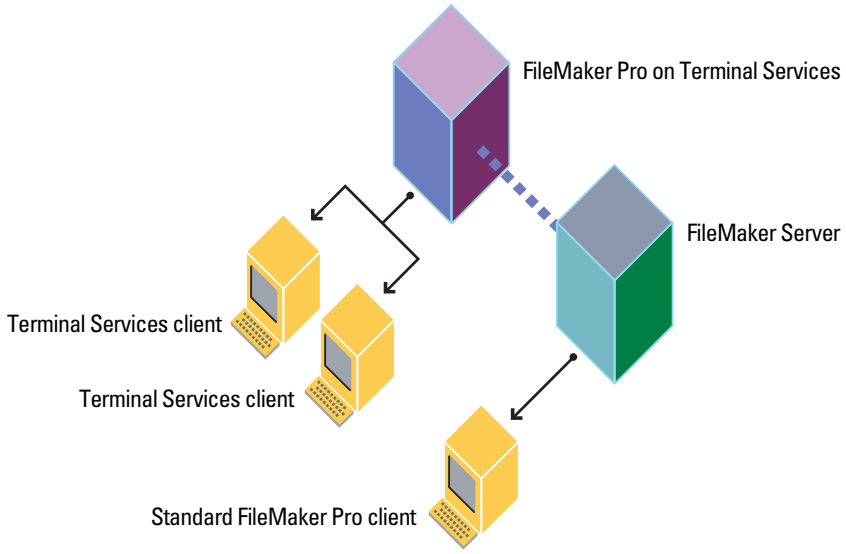
Terminal Services shares executable resources among users, so memory requirements for additional users running the same application are less than the requirements for the first user to load the application.

Installing Terminal Services client software (Remote Desktop Connection)

Terminal Services client software (Remote Desktop Connection) should be installed on every machine that needs to use Terminal Services.

- Windows Server 2003 or 2008, Windows XP, Windows Vista, Windows 7: The Remote Desktop Connection software is installed by default. You can also use Remote Desktop Web Connection.
- Mac OS: You must download the Remote Desktop Connection software. See www.microsoft.com/mac.

Chapter 2
Using FileMaker Pro with Terminal Services



Installing FileMaker Pro on a Terminal Services server

Note This installation requires FileMaker Pro (Volume License or Site License). Single licensed copies of FileMaker Pro are not supported. FileMaker, Inc. has tested and certified the Worldwide English versions of FileMaker Pro and Terminal Services.

Installing FileMaker Pro on a Terminal Services server (Windows Server 2003)

1. Make sure Terminal Services is installed and configured on your Windows Server 2003 SP2 machine and you are logged on as administrator.
2. Do one of the following:
   - If you downloaded your software electronically, double-click the download file to unpack the files.
   - If you have a FileMaker Pro Volume License or Site License DVD, insert it into your DVD drive.
3. In the Control Panel, double-click Add/Remove Programs.

   Note Do not directly access the Setup icon on your FileMaker Pro Volume License or Site License DVD.
4. Click Add New Programs.
5. Click CD or Floppy, then click Next.

   If you purchased your software online, browse to Setup.exe.
6. Choose a setup language, then click OK.

   The FileMaker Pro InstallShield Wizard appears.

7. When the License Agreement panel appears, read the Software License Agreement. If you accept the terms of the license agreement, click I Accept.
8. Install FileMaker Pro by following the onscreen instructions.

   For details about installation issues, see the *Installation and New Features Guide for FileMaker Pro and FileMaker Pro Advanced*.
9. When Add/Remove Programs has finished the installation, click Finish.

Installing FileMaker Pro on a Terminal Services server (Windows Server 2008)

1. Make sure Terminal Services is installed and configured on your Windows Server 2008 SP2 machine and you are logged on as administrator.
2. Do one of the following:
   - If you downloaded your software electronically, double-click the download file to unpack the files.
   - If you have a FileMaker Pro Volume License or Site License DVD, insert it into your DVD drive.
3. In the Control Panel, double-click Install Application on Terminal Server.

   If you purchased your software online, browse to Setup.exe.
4. Click Next to locate your installation program.
5. Click Next to begin the installation.
6. Choose a setup language, then click OK.

   The FileMaker Pro InstallShield Wizard appears.
7. When the License Agreement panel appears, read the Software License Agreement. If you accept the terms of the license agreement, click I Accept.
8. Install FileMaker Pro by following the onscreen instructions.

   For details about installation issues, see the *Installation and New Features Guide for FileMaker Pro and FileMaker Pro Advanced*.
9. When the installation is finished, click Finish.

Deployment recommendations

- Estimate more RAM per client if your solution is memory-intensive or if you are serving multiple applications in addition to FileMaker Pro.
- Use a fast Pentium processor, preferably an Intel Core 2 Duo or Intel Pentium Dual Core.

FileMaker supports deployment and development of FileMaker Pro solutions running on Terminal Services. Some aspects of development may not function as expected when using Terminal Services clients as a FileMaker development environment. For more information on known technical issues when using Terminal Services clients as a FileMaker development environment, visit www.filemaker.com/support.

Environments for deploying FileMaker Pro files

Non-shared files

Terminal Services clients can access FileMaker Pro files that are not shared over a network. Non-shared files can be developed and deployed by Terminal Services clients just like any non-shared FileMaker Pro file. Shared files and peer-to-peer hosting (FileMaker Network Sharing) are not supported on Terminal Services clients.

Note To turn off sharing for a specific file, choose File menu > Sharing > FileMaker Network, select the file, then select No users.

Connecting to FileMaker Server

Use FileMaker Server (or FileMaker Server Advanced) to host files to the Terminal Services server. The Terminal Services server deploying FileMaker Pro will access FileMaker Server to host FileMaker Pro files to Terminal Services clients as well as local FileMaker Pro clients. When a user opens FileMaker Pro running on Terminal Services, accessing FileMaker Pro files hosted by FileMaker Server is done in the same way as accessing FileMaker Server under normal networking conditions. For more information, see "Opening shared files as a client" in chapter 5 of the *FileMaker Pro User's Guide*.

Note FileMaker Server should not be installed on the same machine with Terminal Services. FileMaker, Inc. does not support FileMaker Server running on the same machine with Terminal Services.

FileMaker Pro feature issues

Features not supported for Terminal Services clients:

- FileMaker Network Sharing
- Instant Web Publishing
- ODBC/JDBC sharing
- Third-party plug-ins. Plug-in developers must test and certify their support for the plug-ins they supply to run under Terminal Services.

FileMaker Knowledge Base articles

Check the FileMaker Knowledge Base for articles regarding running FileMaker Pro on Terminal Services. You can access the FileMaker Knowledge Base from www.filemaker.com/kb.

Appendix A
Standard requirements

FileMaker, Inc. standard requirements

In order to use FileMaker Pro via Terminal Services, you must purchase a Volume License Agreement (VLA) or a Site License (SLA). Retail packages of FileMaker Pro cannot be used with Terminal Services.

Volume License Agreement (VLA)

The FileMaker VLA is a transactional agreement that grants you the right to use the software on as many computers as are listed on your License Agreement. For information about the VLA, visit www.filemaker.com.

Site License Agreement (SLA)

The FileMaker SLA allows for any combination of FileMaker Pro, FileMaker Pro Advanced, FileMaker Server, and FileMaker Server Advanced to be installed anywhere in your organization of 50 or more employees or computers.

For more information on licenses, please call 1-800-725-2747 (weekends and holidays excluded). Visit www.filemaker.com for details.

Windows Server 2003 or 2008 and Terminal Services license requirements

For information about licensing requirements for Windows Server 2003 or 2008 and Terminal Services, see www.microsoft.com.