

# FileMaker®

## Installation and New Features Guide

*for FileMaker Pro 10 and FileMaker Pro 10 Advanced*

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For more information, visit our website at [www.filemaker.com](http://www.filemaker.com).

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# Chapter 1

## *Before you begin*

Welcome to your FileMaker® software. FileMaker is designed to help you manage information easily and effectively.

### ***About this guide***

This *Installation and New Features Guide* tells you how to install FileMaker Pro 10 or FileMaker Pro 10 Advanced on your Windows or Mac computer and introduces new features in the software.

**Note** This guide uses “FileMaker Pro” to refer to both FileMaker Pro and FileMaker Pro Advanced, unless describing specific FileMaker Pro Advanced features.

The *FileMaker Pro User’s Guide* provides essential information to get you working productively right away. If you’ve never used FileMaker Pro, work through the *FileMaker Pro Tutorial* to try out the major features. For details and comprehensive, step-by-step procedures, see FileMaker Pro Help.

The *FileMaker Pro Advanced Development Guide* describes additional features available in FileMaker Pro Advanced, including features such as customizing menus; copying and importing tables; Database Design Reports; and field, variable, and expression monitoring using the Data Viewer.

**Note** When a feature or procedure is specific to a particular platform, you see instructions and illustrations that are also specific to that platform. For features or procedures that are similar on both platforms, you may see illustrations for either Windows or the Mac OS.

To send your feedback on this guide, visit [www.filemaker.com/company/documentation\\_feedback.html](http://www.filemaker.com/company/documentation_feedback.html).

## ***Customer support and product information***

For information about Customer Support in your country, visit [www.filemaker.com/intl](http://www.filemaker.com/intl).

To access resources on the FileMaker website such as ready-made solutions and the FileMaker Knowledge Base, choose **Help** menu > **Resource Center**.

To learn more about FileMaker Pro and discuss support topics with other customers, visit the FileMaker Forum. Choose **Help** menu > **Visit our Forum**.

**Note** The FileMaker Forum is not available in all languages.

If you do not have access to the web, refer to the FileMaker Customer Services document that comes with your software.

## ***Update notification***

FileMaker Pro 10 automatically checks for software updates every seven days. If you have an internet connection, you can go to the update web page and download the updater software. You can update later by choosing **Help** menu > **Downloads and Updates**.

**Note** This feature does not install the software for you. You must have an internet connection to access and download the updater software.

To turn off update notification, do one of the following:

- In the Update Notification dialog box, select **Do not automatically check for updates** and click **Yes**.
- In Windows, choose **Edit** menu > **Preferences**. In the Mac OS, choose **FileMaker Pro** menu > **Preferences**. In the **General** tab, deselect the **Automatically check for updates every 7 days** option. To turn on update notification again, select this preference.

If you disable update notification, the Update Notification dialog box will not display.

## ***About the license key***

FileMaker software comes with a unique, 35-digit alphanumeric license key. Do not lose this license key. We recommend that you keep the license key in a safe place in case the software ever needs to be reinstalled.

You can find your license key(s) on the back of the CD sleeve. If you are installing the software using an electronic download, follow the instructions in your order confirmation email. You must enter a valid license key to install and activate the software. See “Activating FileMaker Pro” on page 25 for information about activating your software.

The license key ensures adherence to the FileMaker Pro or FileMaker Pro Advanced Software License, which allows for use of one (1) copy of the software on a single computer at a time along with a second copy for use on a home or portable computer, subject to the restrictions in the Software License. For more information, refer to the FileMaker Pro or FileMaker Pro Advanced Software License located in the application folder where you installed your software.

If the license key is invalid or if another copy of the application installed with that same license key is running on the network, the FileMaker Pro application displays this error message: “The maximum number of licensed users are currently using this copy of FileMaker Pro.”

To install FileMaker Pro on multiple computers, you must have a unique license key for each installation, or obtain a volume license for multiple computers. You must license one copy of FileMaker Pro for each computer.

## **Hardware and software requirements**

**Important** At the time this document was written, FileMaker, Inc. tested FileMaker Pro 10 with the Windows and the Mac OS operating systems listed in this section. FileMaker Pro may or may not work with newer operating system releases. For information on newer operating systems, visit [www.filemaker.com](http://www.filemaker.com).

To install and use FileMaker Pro, you need the following minimum equipment and software:

### **Windows requirements**

- Windows Vista SP1 Home, Business, or Ultimate: Pentium III 800 MHz or faster with 512 MB RAM
- Windows XP SP2: Pentium III 700 MHz or faster with 256 MB RAM
- SVGA (1024x768) or higher resolution video adapter and display

### **Mac OS requirements**

- Macintosh computer with PowerPC G4 processor or faster, or Intel-based Macintosh computer
- Mac OS X version 10.5 with 512 MB RAM
- Mac OS X version 10.4.11 with 256 MB RAM

**Note** The Mac OS plug-ins created for PowerPCs need to be re-compiled as universal binaries to be able to run natively when FileMaker Pro is run on Intel-based Mac computers. Universal binaries allow applications to run natively on both PowerPC and Intel-based Macintosh computers. If you have plug-ins from previous FileMaker Pro versions that you would like to use with FileMaker Pro 10 on an Intel-based Macintosh, you can set FileMaker Pro to run under Rosetta. Select FileMaker in the Finder, choose File menu > Get Info, and select the Open using Rosetta option.

## ***Networking requirements***

To share files with other computers on a network, FileMaker Pro 10 supports the TCP/IP network protocol. If you're not sure which network protocol is installed and in use on your computer, check with your network administrator before you begin installation.

To connect to a network, your computer must also have a network card and the required software.

FileMaker Pro Network Sharing supports the sharing of files with up to 9 concurrent users (not including the host and Instant Web Publishing connections). To share files with more than 9 concurrent users on a network, FileMaker recommends the use of FileMaker Server, which provides expanded availability, enhanced security, and increased performance. For more information on FileMaker Server, visit [www.filemaker.com](http://www.filemaker.com).

## ***Web publishing requirements***

To publish a database on the web using FileMaker Pro Instant Web Publishing, you need a host computer with access to the internet or an intranet via TCP/IP.

FileMaker Pro Instant Web Publishing supports sharing databases with up to 5 concurrent users. For greater web integration and connectivity, use FileMaker Server Advanced, which supports Instant Web Publishing, Custom Web Publishing, and ODBC and JDBC clients. For more information about FileMaker Server Advanced, visit [www.filemaker.com](http://www.filemaker.com).

**Note** Access to the internet requires an internet service provider (ISP). FileMaker Pro does not provide an internet account for you.

## ***Requirements for other features in Windows***

Some of the features of FileMaker Pro for Windows require additional software.

<b>Feature</b>	<b>Software requirement</b>
Send Mail script step using an email application	Microsoft Exchange, Microsoft Outlook, Microsoft Outlook Express and Eudora <b>Note</b> This requirement does not apply to SMTP mail.
Phone dialing	Phone dialer or other Telephony API (TAPI) compliant software
ODBC features	Microsoft Data Access Components (MDAC) version 2.8 SP1 (Windows XP) or Windows DAC 6.0 (Windows Vista). To update MDAC software, visit <a href="http://www.microsoft.com">www.microsoft.com</a> .  Accessing external data sources using FileMaker Pro as a client application requires third-party drivers for the data source you are using.  For more information on using ODBC, visit <a href="http://www.filemaker.com/support/technologies">www.filemaker.com/support/technologies</a> .
Insert QuickTime movie and image files	QuickTime 7.5 software (available at <a href="http://www.apple.com">www.apple.com</a> )

## ***Requirements for other features in the Mac OS***

Some of the features of FileMaker Pro for the Mac OS require additional software.

<b>Feature</b>	<b>Software requirement</b>
Send Mail script step using an email application	Microsoft Entourage or the Mac OS Mail email client software <b>Note</b> This requirement does not apply to SMTP mail.
ODBC features	Accessing external data sources using FileMaker Pro as a client application requires third-party drivers for the data source you are using.  For more information on using ODBC, visit <a href="http://www.filemaker.com/support/technologies">www.filemaker.com/support/technologies</a> .

<b>Feature</b>	<b>Software requirement</b>
Import files from Bento®	Bento 2 or a later supported version (available at <a href="http://www.filemaker.com">www.filemaker.com</a> )
Insert QuickTime movie and image files	QuickTime 7.5 software (available at <a href="http://www.apple.com">www.apple.com</a> )

## ***Features not supported in Windows***

In Windows, FileMaker Pro does not support the Perform AppleScript and Speak script steps. It also does not support importing files from Bento.

## ***Features not supported in the Mac OS***

In the Mac OS, FileMaker Pro does not support the Dial Phone, Insert Object, Send DDE Execute, and Update Link script steps.

## ***Opening files from previous versions***

FileMaker Pro 10 can open files created in earlier versions of FileMaker Pro. See FileMaker Pro Help for information.

## ***Upgrading FileMaker Pro from a previous version***

If you are upgrading FileMaker Pro from a previous version, FileMaker recommends that you upgrade to the new version before uninstalling the previous version.

To upgrade FileMaker Pro from a previous version:

1. Install the upgrade using the 35-character license key, which is on the back of the CD sleeve or emailed to you with your download link.
2. Move plug-ins, dictionary information, and your preferences to the new version of FileMaker. For information about moving your preferences, refer to the FileMaker Knowledge Base available at [www.filemaker.com/kb](http://www.filemaker.com/kb).
3. If you plan to use only the latest version, deactivate and then uninstall the previous version. See “Deactivating FileMaker Pro” on page 27 for more information.

If you choose to uninstall the previous version before upgrading to the latest version, make sure you have the license key for the previous version. When installing FileMaker Pro with an upgrade license key, the installer searches your hard drive for the previous version. If a previous version is not located, you are asked to enter the license key for the previous version of the product.

### ***Updating your User Dictionary***

If you added words to a User Dictionary in a previous version of FileMaker Pro, you can use it with FileMaker Pro 10. See FileMaker Pro Help for information about converting a User Dictionary.

### ***Installing under a volume license***

If you're installing multiple copies of FileMaker Pro under a volume license, or if you want to do a silent install, you can automate the process. Use the Assisted Install.txt file on the FileMaker Pro CD or in your electronic download to bypass the usual install dialog boxes. For more information, see *Network Install Setup for FileMaker Pro and FileMaker Pro Advanced*. For information on volume licensing, visit [www.filemaker.com](http://www.filemaker.com).

# Chapter 2

## *Installing FileMaker Pro in Windows*

Before you begin the installation process, exit other open programs and save your work. For late-breaking information about FileMaker Pro, browse the contents of the CD and view the Read Me file or visit [www.filemaker.com](http://www.filemaker.com).

### *Installation notes*

Before you install FileMaker Pro, review the following notes:

- To install FileMaker Pro, you must have Administrator privileges and use the Administrator user name and password.
- If your computer is running virus protection software, turn it off prior to installing FileMaker Pro, and then turn it back on afterwards.
- By default, FileMaker Pro will be installed in this folder:

C:/Program Files/FileMaker/FileMaker Pro 10

During installation, you can choose another drive or another folder.

- By default, FileMaker Pro Advanced will be installed in this folder:

C:/Program Files/FileMaker/FileMaker Pro 10 Advanced

During installation, you can choose another drive or another folder.

- During installation, you can choose whether to install all program features (Complete), or to install only selected portions of the program (Custom). For example, you may choose not to install certain features in order to save disk space.

- At the start of installation, you choose a language version for the FileMaker Pro installer. The default selection matches your operating system language. A Complete install will install only the language version you choose. You can install additional language versions by choosing Custom install, then selecting other language packs from the list of supported languages.
- Prior to an upgrade installation or software update, FileMaker software scans all hard drives and volumes connected to your system, searching for previous versions. This scan may take several minutes if you have multiple drives or volumes.

## Installing FileMaker Pro

You must use the installation program to install FileMaker Pro—you can't install FileMaker Pro by dragging files to your hard disk.

If you want to create an install log file that lists the registry entries and path of all installed files, you must install FileMaker Pro from the command line. See “Installing FileMaker Pro from the command line” on page 15.

To install FileMaker Pro on your hard disk:

1. Do one of the following:
  - If you received your software electronically, after downloading the file, double-click the installation icon (.exe file).



- If you are installing FileMaker using a CD, insert the CD into your CD or DVD drive, open the FileMaker CD window, and click the installation icon.



Click to install the application



Click to browse the contents of the CD



Click to exit

2. Install FileMaker Pro by following the onscreen instructions.

For additional details about installation, see “Installation notes” on page 13.

3. When the installation is complete, click Finish.

The Product Registration dialog box appears.

## ***Registering FileMaker Pro***

Please take a few moments to register your product. By registering your software, FileMaker will be able to assist you in recovering your license key if you ever lose it. You will also receive priority notification of software updates, upgrades, and special offers. Follow the prompts to provide your registration, product, and additional information.

If you are using the FileMaker Pro trial version, you must register your software prior to use.

You can also register by choosing Help menu > Register Now in FileMaker Pro.

## ***Installing FileMaker Pro from the command line***

To install FileMaker Pro from the command line and create an installation log file:

1. Insert the CD into your CD or DVD drive.
2. Open a command window.
3. In the command window, type:

```
E:\Files\setup.exe /v"/Lr  
C:\FMP10InstallLog.txt"
```

where E: is the CD or DVD drive. If your CD or DVD drive uses a different drive letter, type that letter instead of E.

4. Follow the onscreen instructions.

The FMP10InstallLog.txt file will be located in the root directory of your hard disk. You can view it with WordPad or a word processing program.

## ***About installing Bonjour***

The Bonjour service enables automatic discovery of computers, devices, and services on IP networks. You need to have Bonjour installed on your system for remote hosts to be discovered.

If Bonjour is not installed or the service is not running, FileMaker Pro can't discover remote networks. For example, you won't be able to view hosted databases in the Open Remote File dialog box or display the list of remote files to use as your external data source.

Without Bonjour, you have to manually enter the IP addresses for remote databases.

During the FileMaker Pro installation, the installer uses the following process:

- If Bonjour isn't detected, the installer alerts you and prompts you to install Bonjour.
- If Bonjour is detected but the installed version is not supported by FileMaker, the installer alerts you. It prompts you to manually uninstall the older version of Bonjour and manually install the version supported by FileMaker.
- If Bonjour is detected and the installed version is supported by FileMaker, the installer doesn't alert you and doesn't install Bonjour.

To install Bonjour manually:

1. Open the FileMaker Pro installation folder.
2. Open the Bonjour folder.
3. Open the 32-bit or 64-bit folder based on your version of Windows.
4. Double-click the BonjourSetup icon.
5. Follow the on-screen instructions to install Bonjour.

## ***Where files are stored on your hard disk***

The FileMaker Pro installer copies files to several folders on your hard disk, depending on the installation options you choose and your operating system. If you performed a command line installation and specified an install log file, you can view the install log file, which lists the location of each installed file.

## ***Uninstalling, modifying, or repairing FileMaker Pro 10***

**Important** Before uninstalling FileMaker Pro 10, deactivate your software. See “Deactivating FileMaker Pro” on page 27 for more information.

You can use the Windows XP Add or Remove Programs control panel, or the Windows Vista Programs and Features control panel, to uninstall FileMaker Pro, replace missing or corrupt files, or to change which features are installed. For more information, refer to Windows Help.

When you modify or repair FileMaker Pro, you may be prompted to enter your license key.

## ***Changing the FileMaker Pro cache size***

FileMaker Pro maintains an internal cache of portions of your database. Depending on your computer’s memory configuration, you may want to adjust the cache size to improve performance.

You may want to consider increasing the cache size if you plan to:

- work on a large database file
- work on several database files at once
- host database files
- use a database file that contains many graphics
- insert a large graphic into a database file

Consider decreasing the cache size if you plan to run several applications at the same time and you have a limited amount of memory (RAM) installed.

**Note** When you increase or decrease the FileMaker Pro cache size, you also increase or decrease the amount of memory needed to run FileMaker Pro.

For more information on managing memory, see the documentation that came with your computer.

To change the cache size that FileMaker Pro uses:

1. In FileMaker Pro, choose Edit menu > Preferences.  
The Preferences dialog box appears.
2. Click the Memory tab.
3. Type a number in the Attempt to set file cache to box, then click OK.

The next time you start FileMaker Pro, the new cache size is used.

## ***Where to go from here***

After you install FileMaker Pro, you can immediately begin working with the application. Here are some suggestions on where to go in the documentation to get started:

- If you're new to databases, read chapter 2, "Using databases" and chapter 3, "Creating databases" in the *FileMaker Pro User's Guide* to learn basic database concepts.
- If you're new to FileMaker Pro, work through the lessons in the *FileMaker Pro Tutorial*. The PDF file and sample file for the tutorial are located in the Tutorial folder inside the English Extras folder.
- If you've used FileMaker Pro before, read chapter 5, "New features" in this guide for an overview of new features available in FileMaker Pro 10.
- To access resources on the FileMaker website such as ready-made solutions and the FileMaker Knowledge Base, choose Help menu > Resource Center.
- If you're a FileMaker Pro Advanced user, see the *FileMaker Pro Advanced Development Guide* and FileMaker Pro Help.

# Chapter 3

## ***Installing FileMaker Pro in the Mac OS***

Before you begin the installation process, quit other open programs and save your work. For late-breaking information about FileMaker Pro, browse the contents of the CD and view the Read Me file or visit [www.filemaker.com](http://www.filemaker.com).

### ***Installation notes***

Before you install FileMaker Pro, review the following notes:

- To install FileMaker Pro, you must have Administrator privileges and use the Administrator user name and password.
- If your computer is running virus protection software, turn it off prior to installing FileMaker Pro, and then turn it back on afterwards.
- During installation, you can choose whether to install all the program files (an Easy Install), or to install portions of the program (a Custom Install). For example, you may choose not to install certain features in order to save disk space.
- An Easy Install installs FileMaker Pro in the language matching your operating system. You can install additional language versions by choosing Custom install, then selecting other language packs from the list of supported languages.
- Prior to an upgrade installation or software update, FileMaker software scans all hard drives and volumes connected to your system searching for previous versions. This scan may take several minutes if you have multiple drives or volumes.

## Installing FileMaker Pro

You must use the installation program to install FileMaker Pro—you can't install FileMaker Pro by dragging files to your hard disk.

To install FileMaker Pro on your hard disk:

1. Do one of the following:
  - If you received your software electronically, after downloading the file, double-click the disk image icon (.dmg file).



- If you are installing FileMaker using a CD, insert the CD into your CD or DVD drive, and open the FileMaker CD window.
2. Locate and double-click the FileMaker Pro installation icon.

FileMaker Pro  
installation icon



3. When prompted, type your Mac OS administrator user name and password.
4. Install FileMaker Pro by following the onscreen instructions.  
For additional details about installation, see “Installation notes” on page 19.
5. When the installation is complete, click Quit.  
The Product Registration dialog box appears.

## ***Registering FileMaker Pro***

Please take a few moments to register your product. By registering your software, FileMaker will be able to assist you in recovering your license key if you ever lose it. You will also receive priority notification of software updates, upgrades, and special offers. Follow the prompts to provide your registration, product, and additional information.

If you are using the FileMaker Pro trial version, you must register your software prior to use.

You can also register by choosing Help menu > Register Now in FileMaker Pro.

## ***Where files are stored on your hard disk***

The FileMaker Pro installer copies files to several folders on your hard disk, depending on the installation options you choose and your operating system. When installation is complete, you can view the Installer Log File in the FileMaker Pro 10 folder. The log file lists the location of each installed file. You can view it with TextEdit or a word processing program.

## ***Installing ODBC client drivers***

FileMaker Pro ODBC support allows you to interact with data from other applications, such as Oracle databases, on your computer or over a network. For more information on using ODBC, including links to driver vendors, visit [www.filemaker.com/support/technologies](http://www.filemaker.com/support/technologies).

## ***Uninstalling FileMaker Pro 10***

**Important** Before uninstalling FileMaker Pro, deactivate your software. For more information, see “Deactivating FileMaker Pro” on page 27.

To uninstall FileMaker Pro 10:

1. Deactivate FileMaker Pro 10.
2. Drag the FileMaker Pro 10 or FileMaker Pro 10 Advanced folder and all its contents from the Applications folder to the Trash.

3. Drag the FileMaker Pro or FileMaker Pro Advanced preferences file to the Trash.

The pathname for the preferences file is:

For FileMaker Pro: <home>/Library/Preferences/FileMaker Preferences/ FileMaker Pro 10.0 Prefs

For FileMaker Pro Advanced: <home>/Library/Preferences/FileMaker Preferences/ FileMaker Pro 10.0A Prefs

## ***Adjusting the FileMaker Pro cache***

Because the Mac OS dynamically allocates memory to applications as needed, there is no way to set a specific amount of memory to allocate to the FileMaker Pro application. However, you can adjust the FileMaker Pro cache size.

You may want to increase the cache size if you plan to do any of the following:

- work on a large database file
- work on several database files at once
- host database files
- use a database file that contains many graphics
- insert a large graphic into a database file

Consider decreasing the cache size if you plan to run several applications at the same time and you have a limited amount of memory (RAM) installed.

To change the cache size that FileMaker Pro uses:

1. In FileMaker Pro, choose FileMaker Pro menu > Preferences and click the Memory tab.
2. Type a number in the Attempt to set file cache size to box, then click OK. The next time you start FileMaker Pro, the new cache size is used.

## Where to go from here

After you install FileMaker Pro, you can immediately begin working with the application. Here are some suggestions on where to go in the documentation to get started:

- If you're new to databases, read chapter 2, "Using databases" and chapter 3, "Creating databases" in the *FileMaker Pro User's Guide* to learn basic database concepts.
- If you're new to FileMaker Pro, work through the lessons in the *FileMaker Pro Tutorial*. The tutorial PDF file and sample file are located in the Tutorial folder inside the English Extras folder.
- If you've used FileMaker Pro before, read chapter 5, "New features" in this guide for an overview of new features available in FileMaker Pro 10.
- To access resources on the FileMaker website such as ready-made solutions and the FileMaker Knowledge Base, choose Help menu > Resource Center.
- If you're a FileMaker Pro 10 Advanced user, see the *FileMaker Pro Advanced Development Guide* and FileMaker Pro Help.



# Chapter 4

## *Activating FileMaker Pro*

FileMaker Pro software uses online activation technology to help ensure that you and your organization have a genuine copy of FileMaker software. Activation also helps protect FileMaker, Inc. from unauthorized software distribution.

**Note** If you purchased FileMaker Pro through a volume license program, you do not need to activate your software.

### *About activating FileMaker Pro*

Until you activate FileMaker Pro, the FileMaker Activation dialog box appears each time you start the application. During the activation process, the FileMaker Activation Server acquires the license key and unique machine ID from your computer. FileMaker, Inc. does not collect any personal information from this process.

The activation process supports non-concurrent use of FileMaker Pro on a maximum of two computers. For more information, refer to the FileMaker Pro or FileMaker Pro Advanced Software License located in the application folder where you installed your software.

### *Activating your software over the internet*

Use the following table to activate FileMaker Pro over the internet. To activate FileMaker Pro by phone, see “Activating your software by phone” on page 26.

<b>To</b>	<b>In FileMaker Pro, do this</b>
Activate FileMaker Pro at startup	In the FileMaker Activation dialog box, click <b>Activate</b> and then follow the instructions.
Activate FileMaker Pro later	In the FileMaker Activation dialog box, click <b>Activate Later</b> .
Activate FileMaker Pro during a grace period	Choose Help menu > <b>Activate</b> . In the FileMaker Activation dialog box, click <b>Activate</b> .

To	In FileMaker Pro, do this
Activate trial software	At startup, click <b>License Key</b> in the dialog box, enter your license key, and click <b>Activate</b> . Or, while using the software, choose <b>Help</b> menu > <b>Activate</b> . In the FileMaker Activation dialog box, enter your license key, and click <b>Activate</b> . For more information about activating a trial version, see “Activating software trial versions” on page 27.
Deactivate FileMaker Pro software	Choose <b>Help</b> menu > <b>Deactivate</b> . If you activate your software by phone, you can only deactivate by phone. For more information about activating or deactivating your software by phone, see “Activating your software by phone” on page 26. <b>Important</b> You must deactivate FileMaker Pro before you uninstall it (for example, to then install it on a different computer or before upgrading your operating system). For more information about deactivating your software, see “Deactivating FileMaker Pro” on page 27.

## **Activating your software by phone**

If you do not have an internet connection or cannot activate FileMaker Pro online due to network security restrictions, you can activate your software by phone.

If you have not activated your software yet and you are not connected to the internet, when you start the application, the Activation by Telephone dialog box appears. With the dialog box showing on your screen, call FileMaker Customer Support at a phone number listed in the FileMaker Customer Services document that comes with your software. You will be asked to provide the request code and your license key. Customer support will provide you with a corresponding response code, and your software will be activated.

**Note** If you activated your software by phone, you must also deactivate it by phone. For more information, see “Deactivating FileMaker Pro” on page 27.

## About the activation grace period

If you are not connected to the internet when you first launch FileMaker Pro, you can still use FileMaker Pro for an activation grace period of 30 days. Each time you open the software during the grace period, the Activation dialog box displays the time remaining in your grace period and prompts you to activate your software.

To continue to use FileMaker Pro after the grace period, you must complete the activation process by using the internet or by phone.

**Note** Trial versions do not have an activation grace period; you must pay for the software within the trial period to continue using it.

## Activating software trial versions

Activation works differently for trial versions and purchased software. As a trial user, you have time (typically 30 days) before you are required to pay for the software. At any time during the trial period, you may pay for the software, and then activate it by entering the license key at startup. After the trial period expires, you must pay for the software and activate it immediately to continue using it.

## Deactivating FileMaker Pro

If you need to uninstall FileMaker Pro for any reason, deactivate it before uninstalling. This allows you to then transfer the activation to another computer or to reactivate after you reinstall or upgrade the operating system on your current computer.

To deactivate and uninstall FileMaker Pro, do the following:

1. Deactivate FileMaker Pro from the current machine.
  - If you activated over the internet, deactivate by choosing Help menu > Deactivate.
  - If you activated by phone, you must deactivate by phone. With your computer running, call FileMaker Customer Support at the same number you used to activate your software. You will be asked to provide the response code (which you see in the Activation by Telephone dialog box) and your license key.
2. Uninstall FileMaker Pro from the current machine.

## Notes


- If you want to reinstall FileMaker Pro on the same or on a different machine, reinstall and then activate the software.
- If you do not deactivate the software but then later install the same copy of FileMaker Pro on a different machine, or you reformat your operating system and then reinstall FileMaker Pro, you will lose activation support for one machine.

# Chapter 5

## *New features*

This chapter provides you with an overview of the new features and improvements in FileMaker Pro 10. Unless otherwise noted, please see FileMaker Pro Help for more information on these features.

### *Usability improvements*

- Status toolbar — Use the redesigned status area, which now appears as a toolbar at the top of the FileMaker Pro window, to perform most tasks. For example, use the status toolbar to quickly perform Find requests in Find or Browse mode. Drag your mouse pointer over the status toolbar to display tooltips.
- Saved finds — Save complex find requests for use in future FileMaker Pro sessions and access recent finds using buttons on the status toolbar.
- Improved Find mode — A  icon now indicates the fields you can use to search your database.
- Layout object tooltips — You can now use FileMaker Pro to add descriptive text that appears when users move the pointer over layout objects in Browse or Find modes.
- FileMaker Quick Start Screen — Create a FileMaker Pro database from an Excel or Bento 2 (or a later supported version) file. Access instructional materials, such as videos and the FileMaker Tutorial, from the Learn More panel.
- Improved Starter Solutions — Create a database from an updated Starter Solution template to take advantage of the new FileMaker Pro features.
- Advanced recovery options — Perform a consistency check on files you suspect might be damaged, select specific file components to be recovered, and view information about the file's status. View a detailed file recovery log both during and after the file recovery process.
- Dynamic subsummary reports — See recalculated summary values in real time in Browse mode when data changes.

- More layout themes — Choose new layout themes in the New Layout/Report assistant to enhance your reports.
- Sort order — See new records appear in sorted order when you add records to a found set.

## ***Sharing and collaboration***

- Additional support for ODBC data sources (also known as external SQL sources or ESS) — Display, access, and use data from SQL tables in Microsoft SQL Server 2008, Oracle 11g, and MySQL 5.1 Community Edition. Define value lists using fields in ODBC data source tables. Use Windows authentication (single sign-on) to access ODBC data from Microsoft SQL Server. Accurately access SQL-supported timestamp data from ODBC data sources.
- Microsoft Excel 2007/2008 — Import data from and export data to Excel 2007/2008 format files.
- Better support for importing data from Bento 2 (Mac OS) — Use standard import procedures in FileMaker Pro to transfer information from a Bento 2 (or a later supported version) data source to a FileMaker Pro file.
- SMTP-direct email support — Choose File menu > Send Mail or use a script to send email messages directly from FileMaker Pro files without using email client software.

## ***Scripting***

- Script triggers — Specify that a script runs when a specific event occurs, such as when a user or script enters, changes, or exits a field; when a key is pressed; when a field is modified; or when a record is committed.
- Scripting user interface improvements — Use the Manage Scripts feature (formerly ScriptMaker) to display a default script you can use as a starting point for writing your own scripts, see whether individual script steps are supported in web publishing or in FileMaker Server schedules, and more. The Manage Scripts dialog box no longer opens in a maximized state when the FileMaker Pro window is maximized.
- Error reporting improvements — Control script steps no longer clear the last error condition reported by FileMaker Pro.

## ***Functions and script steps***

- Install OnTimer Script script step — Runs a specified script at the specified interval.
- Open Edit Saved Finds script step — Opens the Edit Saved Finds dialog box, which lets the user create new Find statements or edit existing Find statements.
- Print script step — Improved to let you save a specified target printer with a name of any length when a script runs.
- Set Field By Name script step — Lets you use a calculation to dynamically specify a field name in a script rather than requiring you to specify each possible field name in an If...Else construction.
- Char(number) function — Returns the character or characters representing the Unicode points for a specified number.
- Code(text) function — Returns the Unicode point or points for the specified text characters in Number format.
- GetFieldName(field) function — Returns the fully qualified field name (tableName::fieldName).
- Get(DocumentsPathListing) function — Returns a recursive list of files and folders located in the folder returned by the Get(DocumentsPath) function.
- Get(TriggerKeystroke) function — Returns the text string that activated an OnObjectKeystroke or OnLayoutKeystroke script trigger.
- Get(TriggerModifierKeys) function — Returns the state of keyboard modifier keys (such as the Shift and Control keys) when a script was triggered.

