

 Extensis™

UniversalTypeServer®6

CORE CLIENT USER GUIDE

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Contents

- What is the Core Client? 4**
- Preparing for the Core Client 5**
 - Licensing the Core Client 5
 - Downloading the installers 5
 - System requirements 5
 - User accounts 6
 - Creating Startup Sets 6
 - The configuration file 7
 - Installing the Core Client 8
 - Deploying the configuration file 8
- Using the Core Client 9**
- Uninstalling the Core Client 10**
- Contacting Extensis 11**
- Technical Support 12**

What is the Core Client?

The Core Client is a scaled-down version of the full Universal Type Client, designed specifically to accommodate users outside the design and editorial community.

Most organizations have administrative and other types of users that need continuous access to a small subset of fonts, rather than the ability to activate or deactivate a wide range of fonts. A full-featured client application might actually impede productivity for these users. The Universal Type Server Core Client doesn't have the user interface of the full client, but still delivers strong protection from rogue font usage. It governs which licensed fonts can be activated, prevents illegal system font usage, and reports font usage back to Universal Type Server.

Core Client Key Advantages:

- **Compliance:** Keeps every computer in your organization licensed and legal.
- **Consistency:** Organize and distribute fonts to all users across the organization to ensure consistency.
- **Prevention:** Close the holes and prevent users from introducing rogue fonts onto their systems and into the workflow.

NOTE: The Core Client is only available as an add-on with the Universal Type Server Enterprise Edition.

When the Core Client starts, it automatically activates all fonts that are in Startup Sets. A Startup Set consists of fonts which a Universal Type Server administrator has determined that all users must have active at all times.

The Core Client will also enforce whatever System Font Policy is specified for the user. The administrator can designate which fonts are allowed in the user's System Fonts, and if the user attempts to install other fonts they will be automatically removed.

Preparing for the Core Client

To prepare your Universal Type Server and user systems for the Core Client, you will need to do the following:

1. License the Core Client using the Server Administration application.
2. Download the Core Client installers.
3. Confirm that user systems meet the Core Client system requirements.
4. Create Core Client user accounts using the User Management application.
5. Create Startup Sets using Universal Type Client.
Do not install Universal Type Client on a system where you intend to install the Core Client.
6. Install the Core Client.
7. Create a configuration file.
8. Deploy the configuration file.

Licensing the Core Client

The Core Client can be licensed for use with the Enterprise Edition of Universal Type Server. To enter a serial number for the Core Client:

1. Start your web browser and log in to the Server Administration application.
2. Click the **Licenses** link on the left.
3. Type or paste your Core Client serial number into the field labeled **Add Serial Number**, then click **Add Serial Number**.
4. Confirm that your license was added correctly, then click **Logout**.

If you would like to install the Core Client on a trial basis, please contact Extensis Corporate Sales for a trial serial number. See **Contacting Extensis** on page 11.

Downloading the installers

You can download the Core Client installer from [Universal Type Server 6 Support](#). Be sure to download installers for the platforms you are supporting: Macintosh, Windows, or both.

System requirements

The most up-to-date requirements can be found on [Universal Type Server 6 Core Client System Requirements](#).

Macintosh

- macOS™ v10.8 through 10.13 (High Sierra)
- 2.0 GHz or faster processor
- 1 GB available hard drive space for application files, plus additional space for fonts
- 100 Mbit/s or faster network connection

Windows

- Windows® 7, Windows 8, Windows 8.1, or Windows 10
- 2.0 GHz or faster processor
- 1 GB available hard drive space for application files, plus additional space for fonts
- 100 Mbit/s or faster network connection

Universal Type Server 6 Support: <https://www.extensis.com/support/universal-type-server-6-support/>

Universal Type Server 6 Core Client System Requirements: <https://www.extensis.com/support/universal-type-server-6-product-support/universal-type-server-6-core-client-system-requirements/>

User accounts

All Core Client users need to have an account on your Universal Type Server. You can use an LDAP server to authenticate existing network users, or you can create user accounts manually.

For details about adding network user accounts to your Type Server, see the **Connect using Directory Services** section of the User Management help system or User Guide.

For network user accounts, you may still wish to change some of the account settings as described below.

NOTE: The Core Client can be used with Directory Services and Kerberos Single Sign-On to automatically connect the user to the correct Type Server without having to enter a password.

To create a user account:

1. Start your web browser and log in to the User Management application.
2. Click **All Users** or choose a specific workgroup in the **Workgroups** list on the left. If you choose a specific workgroup, the user account will be added to that workgroup automatically.
3. Click  at the bottom of the **Users** list to add a new user.
4. In the user account pane on the right, enter the appropriate information in the **Account** panel.
5. In the **Settings** panel, only a few options are used for Core Client users:
 - **Change Password:** Check this box to allow the Core Client user to change his password.
 - **Time between server syncs:** The Core Client will “check in” with the Type Server at this interval and activate or deactivate fonts as needed. While the default value is 5 minutes, most Core Client users will not have frequent changes to their available fonts, so you can safely change this to a larger interval, or even Manual. (The Core Client will always synchronize with the Type Server when it establishes a connection, and the user can perform a manual sync at any time.)
 - **Enforce System Font Policy:** Check this box to have the Core Client monitor the user’s System Fonts and disallow removing required fonts or adding new fonts.
 - **Disable Startup Sets:** Fonts in a user’s Startup Sets are automatically enabled when the Core Client connects to the Type Server. If you check this box, fonts in Startup Sets will not be enabled for the user. You might choose to disable Startup Sets but enforce a system font policy for users that do not need to use fonts other than those required by their operating system.
6. Click **Save** to save the user account.
7. Add the user to a workgroup by dragging his name from the **Users** list to the desired workgroup in the **Workgroups** list.

For details about user accounts and account settings, see the **Users** section of the User Management help system or User Guide.

Creating Startup Sets

The Core Client uses Startup Sets to determine what fonts to activate. In order to create Startup Sets, you must connect to your Type Server with Universal Type Client using an account that is

either a Font Administrator or a Workgroup Administrator in the same workgroup as the Core Client user.

To create a Startup Set:

1. In Universal Type Client, select the workgroup that you want to add the Startup Set to.
2. Select fonts in the font list that you want to include in the Startup Set.
You can add more fonts or remove fonts at any time.
3. Choose **File > New Set from Selection**. Enter an appropriate name for the set.
4. With the new set selected, choose **File > Share Set**, then choose **File > Startup Set**.
5. If desired, add more fonts to the Startup Set.
6. When finished adding fonts, quit the Type Client.

For more information about sets, see the **Sets** section of the Type Client help system or User Guide.

The configuration file

Rather than requiring the user to enter server information, the Core Client relies on a configuration file to supply the server connection information. This file must be present in order for the Core Client to connect to the server.

If your users will all connect to a single Type Server, you can create one configuration file and deploy it to all users.

In order to create the configuration file, you will need a text editor capable of saving a plain text file in UTF-8 format without a byte order mark (BOM). You can use TextEdit on macOS and Notepad or WordPad on Windows.

If you prefer a more robust editor, we recommend [BBEdit](#) for Macintosh and [Notepad++](#) for Windows.

The configuration file consists of one or two lines that identify the server to the Core Client. You can specify the server by address and port, or using its Bonjour name. For information about setting the server's Bonjour name, see the **Server Status** section of the Server Administration help system or User Guide.

Example: IP address and port

```
server.address=12.34.56.78  
server.port=8080
```

Example: DNS name and port

```
server.address=example.com  
server.port=8080
```

Example: Bonjour name

```
server.bonjour=Universal Type Server
```

NOTES

- You must include either the `server.bonjour` parameter or both the `server.address` and `server.port` parameters.
- If you include both `server.bonjour` and `server.address`, the Bonjour name will be used to make the connection.
- The default port for Core Client communication is 8080.

BBEdit home page: <http://www.barebones.com/products/bbedit/>

Notepad++ home page: <https://notepad-plus-plus.org/>

Saving in UTF-8 format

The configuration file needs to be named `com.extensis.TypeServerCoreClient.conf`. You can either save your file with this name or rename it when you have finished. If your text editor appends `.txt` or other extension, be sure to remove it before deploying the file.

- In TextEdit on macOS, choose **Format > Make Plain Text** to convert your file to plain text, choose **File > Save**, then choose **Unicode (UTF-8)** from the **Plain Text Encoding** pop-up menu.
- In BBEdit on macOS, choose **File > Save**, then choose **Unicode (UTF-8)** from the **Encoding** pop-up menu.
- In Notepad on Windows, choose **File > Save**, then choose **ANSI** from the **Encoding** pop-up menu. (Do not use Notepad's UTF-8 or Unicode formats; these add a byte order marker which is not recognized by the Core Client.)
- In WordPad on Windows, choose **File > Save**, then choose **Text Document - MS-DOS Format (*.txt)** from the **Save as type** pop-up menu. (Do not use WordPad's Unicode Text Document format; this adds a byte order marker.)
- In Notepad++ on Windows, choose **Encoding > Encode in UTF-8** before saving the configuration file.

Installing the Core Client

Copy the Core Client installer to the client computer, or use a copy on a flash drive or other removable media.

TIP: If you copy the installer to a flash drive, you can copy the configuration file to the same drive and deploy it immediately after installation is complete.

Double-click the Core Client installer icon and follow the instructions in the installer screens. You should accept all of the installation defaults.

Deploying the configuration file

Once you have created the configuration file, you need to copy it to the computers where you have installed the Core Client.

- On Macintosh, copy the file to the `/Library/Preferences/` folder.
- On 64-bit Windows, copy the file to `C:\Program Files (x86)\Extensis\Type Server Core Client\`.
- On 32-bit Windows, copy the file to `C:\Program Files\Extensis\Type Server Core Client\`.

Using the Core Client

Most of the time the Core Client will function in the background. The only times a user needs to interact with it is to log in or to perform a manual synchronization.

Logging in

The Core Client installer sets the Core Client to start automatically when a user logs in to the computer. If the configuration file has been created properly, the user will be presented with a connection window, where they need to enter their Type Server account username and password.

If a Directory Service with Kerberos Single Sign-On is configured on your Type Server, the connection window will not be displayed and the user will automatically be logged in to the Type Server. See the **Connect using Directory Services** section of the User Management help system or User Guide.

If you need to start the Core Client manually:

- On Macintosh, double-click the Type Server Core Client icon located in the Applications folder.
- On Windows, choose **Type Server Core Client** from the **Start** menu.

Manual synchronization

Core Client users are automatically synchronized with your Type Server based on the **Time between server syncs** specified for their account. Synchronization retrieves fonts in the user's Startup Sets and applies the System Font Policy.

Users can also manually synchronize fonts at any time.

To manually synchronize fonts:

1. Start the Core Client.
2. Click **Sync**.

To force the Core Client to re-download all fonts and settings instead of just new fonts and changes, hold down the **OPTION** key (Macintosh) or **SHIFT** key (Windows), then click **Sync**.

Uninstalling the Core Client

Macintosh

1. Quit the Core Client if it is running.
2. Open the **Accounts** system preferences panel.
3. Click the lock icon and enter your password to authenticate.
4. Click the **Login Items** tab.
5. Select the **Type Server Core Client** in the list of items and click .
6. Quit System Preferences.
7. Delete the file Type Server Core Client in the Applications folder.
8. Delete the Core Client folder located in \Library\Application Support\Extensis\
Enter your password when you are prompted to authenticate.
9. Restart your computer, then empty the Trash.

Windows

1. Quit the Core Client if it is running.
2. Open the **Programs and Features** control panel.
3. Choose **Extensis Universal Type Core Client**.
4. Click **Uninstall**.
5. Follow the prompts to uninstall.
6. Restart your computer.

Contacting Extensis

Extensis

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Portland, OR 97201

Phone: (503) 274-2020 (not for support)

Fax: (503) 274-0530

Web: <https://www.extensis.com>

Customer Service

Email: info@extensis.com

Web: <https://www.extensis.com/company/contact-us/>

Sales

Phone: (503) 274-4492 (North America)

Email: NA_sales@extensis.com (North America)

Web: <https://www.extensis.com/store/sales/> (all regions)

We also work with distributors around the world; find one near you: [Distributors](#)

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Kings Park Road, Moulton Park
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Email: sales_ap@celartem.com

Web: <http://www.celartem.com/en/>

Technical Support

Technical support for current products is available through the Extensis website.

- **Web:** <https://www.extensis.com/support/>
- **Web Support Form:** <https://help.extensis.com/hc/en-us/requests/new>

Answers to frequently asked questions, troubleshooting tips, and more can also be found at the [Support](#).

Extensis also maintains a searchable [Knowledge Base](#) of in-depth articles on various technical topics.

Creating a tech support case

If you are experiencing a problem with a current product, you can submit a tech support case using the [Support Request](#).

Provide as much of the following information as you can:

- Product name and version number;
- Serial number, if you have it available;
- Computer operating system version;
- Other details about your computer system, including RAM, hard drive size and free space, and processor type and speed;
- A description of the problem, including any error message that might be displayed;
- Your contact information.

Support Policy

Extensis provides full support for the current version of all shipping products. In addition, Extensis provides limited support for older products up to one year after the product version is no longer offered for sale. For complete details see the [Support Policy](#).

For details on currently supported products, see:

- [Portfolio Support Guide](#)
- [Universal Type Server Support Guide](#)
- [Universal Type Client Support Guide](#)
- [Suitcase Fusion Support Guide](#)

Priority Support

If you have a current Annual Service Agreement, you are entitled to priority support.

If you are in North or South America or the Caribbean:

- **Email:** p1support@extensis.com

If you are in Europe, Africa, the Middle East, India, Australasia, or Asia (except Japan):

- **Email:** EuroASASupport@extensis.com

If you are evaluating a demo copy of the product, please contact your sales representative for assistance.

Community Support

Extensis maintains community forums on all current and many older products. Often, problems you may be experiencing have been discovered and answered here. In addition, suggestions you have may help others resolve issues.

The forums also serve as a way for Extensis to take the pulse of our user community so that we can identify bugs and other issues and gather suggestions for improving our software.

Please visit the [Extensis Forums](#) and bookmark the page.