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Change SAS[®] Forecast Server 2.1 Project Directory

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Chapter 1

Change the SAS Forecast Server Projects Location

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SAS Forecast Server Projects Default Location

By default, the location of the SAS Forecast Server (*forecast-studio-project*) directory is the following:

UNIX: `<config-dir>/SAS/ForecastStudio`

Windows: `C:\SAS\ForecastStudio`

You might prefer to store the central SAS Forecast Server files in the SAS Intelligence Platform configuration directory's logical server tree, such as the following:

UNIX: `<config-dir>/Lev1/SASMain/Data/Forecasting`

Windows: `<config-dir>\Lev1\SASMain\Data \Forecasting`

Change the Default Location of SAS Forecast Server Projects

You can specify a different default location of the *forecast-studio-project* directory when you run the SAS Forecast Server setup file. This process must be executed on the physical machine that is running the SAS Analytics Platform. However, the script updates the project location in the SAS Metadata Server, and also it creates a physical directory structure in your chosen path on the SAS Workspace Server machine.

NOTE: If you change the project location after you created projects in SAS Forecast Server, then using the ForecastStudioSetup script to change the project location only changes the location for new projects. All of your existing projects still reference the original location because this physical location is stored in metadata with the project information, as well as in the project.xml file found in the project directory.

- **Windows:** You create the directory structure from a SAS Forecast Server Mid-Tier machine by running the script ForecastStudioSetup.bat, which executes the SAS Forecast Server administrative setup without the installation of the SAS Forecast Studio client. The script is located in the following directory:

```
!SASROOT\SASAPCore\apps\Forecasting\bin
```

NOTE: If you want to change the file location, then specify a new directory pathname when you execute the ForecastStudioSetup.bat file with the following option:

```
ForecastStudioSetup  
"location=<new-directory-pathname>\ForecastStudio"
```

Example:

```
ForecastStudioSetup  
"location=D:\myprojects\ForecastStudio"
```

- **UNIX:** On the machine where you installed the SAS Analytics Platform, run the script ForecastStudioSetup.sh, which executes the SAS Forecast Server administrative setup. The location of the setup script is in the following subdirectory of the installation directory:

```
!SASROOT/SASAPCore/apps/Forecasting/bin
```

NOTE: If you want to change the file location, then specify a new directory pathname when you execute the ForecastStudioSetup.sh script with the following option:

```
ForecastStudioSetup  
"location=<new-directory-pathname>/ForecastStudio"
```

CAUTION: You cannot use spaces around the equal sign when specifying a project location. (e.g., "**location = D:\myprojects\ForecastStudio**")

If you use spaces, then the command fails.

Example:

```
ForecastStudioSetup  
"location=/myprojects/ForecastStudio"
```

The SAS Forecast Server administrative user's credentials must be used when running this script, so that the physical path on the SAS Workspace Server machine is created by the SAS Forecast Server administrative user (e.g., fsadm). If the folder is not created by the SAS Forecast Server administrative user, then an error is displayed.

Change the Location Where User Projects Are Saved

The current user interface does not support a project location to be specified. The only location known to the system is stored in the metadata, and the user cannot customize this location either in the user interface or in the metadata.

However, an optional file can be created to define a mapping for users and the default SAS workspace server location where projects, data specifications, and archives are created. The `user_locations.properties` file must reside on the SAS Analytics Platform middle tier in the following directory (Windows operating environment example):

```
!SASROOT\SASAPCore\apps\Forecasting
```

The `user_locations.properties` file contains the workspace server locations by user ID, or by user ID and workspace session ID. SAS Forecast Server uses this mapping file to determine where workspace server project files should be saved physically. SAS Forecast Server first attempts to find the user ID and SAS workspace server ID entries, and if it does not find them, then attempts to find just the user ID. If neither ID is found, then the default location in the metadata is used. The user ID and SAS workspace server ID entries are case insensitive, as shown in the following Windows operating environment examples:

```
myuser=C:\SAS\ForecastStudio
```

```
myuser\A5PITA0F.AT000001=D:\myuser\ForecastStudio
```

```
brenda=c:\users\brenda\orecastStudio
```

```
mike=c:\users\mike\ForecastStudio
```

```
george=c:\users\george\ForecastStudio
```

```
brian=\\myserver\myprojects (UNC path name example)
```

The `user_locations.properties` file is read dynamically, and can be modified while the SAS Analytics Platform is running. Changes are reflected without having to restart the SAS Analytics Platform.

A mapped drive letter such as `U:\<foldername>` is not supported. Given that this directory path is resolved by the SAS Workspace Server, the logon script for that user is NOT executed when a SAS Workspace Server starts. As a result, a drive letter that would be mapped automatically in a logon script would never be defined.

