TIBCO Statistica®

Options Configuration

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Contents

TIBCO Documentation and Support Services **3**
Overview **5**
Default Configuration **6**
Installation 6
Statistica Server Configuration **8**
Edit Default Options in Initial Statistica Desktop **9**
Edit Default Options in Permanent Statistica Desktop **10**
Additional Information **11**
Legal and Third-Party Notices **12**

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Documentation for TIBCO Statistica® is available on the TIBCO Statistica® Product Documentation page.

The following documents for this product can be found on the TIBCO Documentation site:

- *TIBCO Statistica® Release Notes*
- *TIBCO Statistica® Installation*
- *TIBCO Statistica® Quick Reference*
- *TIBCO Statistica® Product Traceability*
- *TIBCO Statistica® Configuration for Windows Server 2019*
- *TIBCO Statistica® Data Entry Administration*
- *TIBCO Statistica® Server Administrator's Guide*
- *TIBCO Statistica® Options Configuration*
- *TIBCO Statistica® R Integration: Features and Options*
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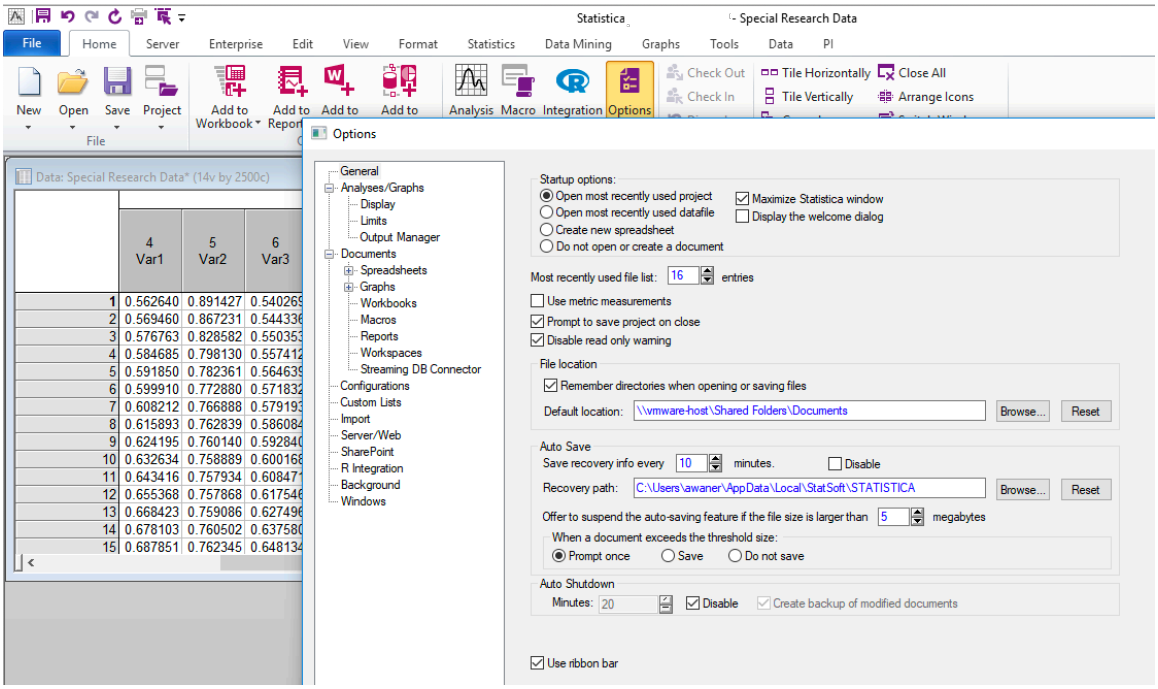
Overview

Statistica application preferences are stored in a `StatOpts.xml` file.

This file is installed with the Statistica application. Users can see these preferences by starting the Statistica application and selecting **Options** menu from the **Home** menu.



The `StatOpts.xml` file contains the following preferences:

- Statistica Desktop options:
  - User interface information (including customizations to the desktop user interface)
  - Default folder locations to store and look for files
  - Auto-save options
  - Auto-shutdown options
  - User prompts (optionally suppress, or control when to show warnings and error messages)
  - Memory and other performance options
  - Server integration options
- Statistica Desktop and Server options for input and output documents:
  - Spreadsheet formatting, performance, functionality, …
  - Graph formatting, performance, functionality, …
  - Workbook formatting, performance, functionality, …
  - Macro formatting, performance, functionality, …
  - Report formatting, performance, functionality, …
  - Workspace formatting, performance, functionality, …
  - In-Place Database formatting, performance, functionality, …

Default Configuration

Overview

The default configuration of Statistica options starts each user with a set of predefined and hardcoded options, optimized for best performance. If you are using Statistica desktop, you can reconfigure the options and customize the desktop user interface to meet with their specific needs, and from then on, when the user restarts Statistica desktop they can use their own customized configuration. For customization methods related to Statistica Server (WebStatistica) configuration, see Additional Information.

General Configuration

The configuration starts with a `StatOpts.xml` file located in the Statistica application path, typically `C:\Program Files\Statistica\Statistica X\`, where X is the version number of the Statistica installation. This file is set to read-only and contains an XML attribute to forward the application to use the Statistica options located in the Machine Store.

If the `StatOpts.xml` file is not present at the application path, Statistica tries to locate it in the User Store directly. If the file is not read-only, the XML attribute to forward the application is not defined, and the user has full access to edit files in the Statistica application path (not recommended), then Statistica uses the `StatOpts.xml` file there but does not go any further.

The Machine Store is the Windows program data, or All Users profile location. Typically this is the `C:\ProgramData\StatSoft\Statistica` folder. To confirm the location of this program data location, open a Windows command prompt and browse to `%allusersprofile%`. This file is also set to read-only and contains XML attributes.

If the file is not present in the Machine Store, and the user has access to this location, then another `StatOpts.xml` is created in this location in a subfolder with the full version of the Statistica application, but Statistica only uses the options in the User Store. If the file is not read-only, the XML attribute to forward the application is not defined, and the user has full access to edit files in the Machine Store (not recommended), then Statistica uses the `StatOpts.xml` file there and go no further.

The User Store is the Windows user profile location, which is typically in the `C:\Users\<user name>\AppData\Roaming\StatSoft\Statistica\<full Statistica version>` folder. To confirm the user profile location, open a Windows command prompt and browse to **%userprofile%**. This file is only created after Statistica desktop is started for the first time. This is the file that is edited whenever options or customizations are made during the user's session.

Installation

You must configure `StatOpts.xml` file only after you complete the following installations.

Single User

The `StatOpts.xml` files are created directly during the installation process (hardcoded as part of the installation process). The default `StatOpts.xml` file is created in the Statistica application path and Machine Store as described in the Default Configuration section. The `StatOpts.xml` file is created in the User Store the first time the user starts Statistica.

Statistica Server Workstation Installation

The Workstation Installation that comes as part of a Statistica Server or Concurrent Statistica installation is different from the single user installation as the server installation procedure must be performed first. After the server has been installed, it creates the workstation installation media that includes an opportunity to customize the `StatOpts.xml` file. This `StatOpts.xml` file is placed in the Statistica application path and Machine Store before running the installation process on each workstation.

In the Statistica application path on the server, folders are created for the 32-bit (Workstation Installer 32) and 64-bit (Workstation Installer 64) versions of the Statistica Server workstation. When users run the

`setup.exe` located in either of these folders, the installation process looks up and copies the `StatOpts.xml` file to the Statistica application path on the workstation. It then looks in the same source folder for the `StatSvr.xml` file and copies it to the Machine Store on the workstation (renaming it to `StatOpts.xml` when copied). The options cannot typically be directly influenced using these files unless changes are made to make the Statistica application path or Machine Store fully accessible to all the users on the workstation (not recommended). Other methods for customizing the options files are available in Statistica 9 and later.

Statistica Server Configuration

Overview

A Statistica Server installation involves both, the desktop Statistica and WebStatistica. After you load and configure desktop Statistica options, you can perform Statistica Server related configurations.

When using the web interface, most of the options are defined on the UI and are not stored in the `StatOpts.xml` file. However, the `StatOpts.xml` file located on the server is still used to define some of the options for the input and output documents, such as default spreadsheet and graph layouts.

Details

In Statistica 11 and earlier, the `StatOpts.xml` files located in the Statistica application folder could have its file attribute set to not read only, and have the XML attribute that forwards to the next store removed, and further customized to allow an administrator to define these options.

For Statistica 12 and later, the administrator can define a new string value called ConfigPath in the `HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Statistica.Application` registry key, and define the fully qualified path location to a `StatOpts.xml` file to use on the server.

Remember the following points about the ConfigPath.

- When defining the ConfigPath, ensure that the path ends with a backward slash (\), for example, C:\Statistica Options\"\
- This path location must be fully accessible (everything except full control) to the user running the WebStatistica Service on the Statistica Server. By default, it is the local server SYSTEM user. The SYSTEM user account is created by the operating system during installation and is typically used to run services.

To create a `StatOpts.xml` file to use for desktop Statistica or WebStatistica, an administrator can open a Statistica desktop instance with the default setup, edit the options to meet the required need, being very careful to only use file paths that are available to all users, close Statistica desktop, and then copy the `StatOpts.xml` file from the administrator's User Store.

Edit Default Options in Initial Statistica Desktop

Overview

In Statistica desktop 10 and later, you can predefine the default options used when Statistica desktop is first launched. So, instead of using the default options as configured out of the box, an administrator can predefine a set of options that the user has to start with. However, after the user logs in to Statistica for the first time, they can customize the settings.

Details

This is accomplished by creating a `DefOpts.xml` file and placing it into the Statistica application path. To create a `DefOpts.xml` file to use, an administrator must open a Statistica desktop instance with the default setup, edit the options to meet the required need, being very careful to only use file paths that are available to all users, close Statistica desktop, copy the `StatOpts.xml` file from the administrator's User Store into a temporary location, rename it to `DefOpts.xml`, and paste it into the Statistica application path.

Additional functionality is available: By manually editing the `DefOpts.xml` file, the administrator can preconfigure the options so that ribbon bars are never available (in case customized menus or buttons are required). The administrator needs to add the UseRibbonBar=0 attribute to the General element of the active configuration.

In the following example, the attribute is added to the General element with the Initial configuration:

```
<?xml version="1.0" encoding="UTF-8"?>
<StatOptsActiveConfig="Initial">
<Initial><General UseRibbonBar="0"/></Initial></StatOpts>
```

Edit Default Options in Permanent Statistica Desktop

Overview

In Statistica desktop, you can predefine the list of options to use every time Statistica is launched. So, instead of using the default options as configured out of the box, an administrator can predefine a set of options that the user has to start with. In this way, users can't edit options.

Details

The administrator can define a new string value called ConfigPath in the `HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Statistica.Application` registry key, and define the fully qualified path location to a `StatOpts.xml` file to use on the server.

The path information must end in a `\` for example `C:\Statistica Options\`

This path location must be fully accessible (everything except full control) to the users running Statistica desktop and the user running the WebStatistica Service on the Statistica Server (by default it is the local server SYSTEM user).

The administrator also defines a new string called DontForceUserStore in the same `HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Statistica.Application` registry key, and define the value of true.

To create a `StatOpts.xml` file to use for either case, an administrator can open a Statistica desktop instance with the default setup, edit the options to meet the required need, being very careful to only use file paths that are available to all users, close Statistica desktop, and then copy the `StatOpts.xml` file from the administrator's User Store.

After the `StatOpts.xml` file is ready, it can be copied in the prepared path to use (for example, `C:\Statistica Options`) and the file needs to be set to read only. This prevents users from editing and not have file locking issues.

Additional Information

There is a special command line argument available for Statistica desktop that the user can use to define which `StatOpts.xml` file to use when running Statistica. Information on this functionality is available in the Statistica help.

- /statopts= The Statistica options file, `statopts.xml`, contains all user customizations and settings. These include the settings on the Tools - Options pages, customization of menus/toolbars, dialog box positions, and more. By default, Statistica uses the statopts.xml file located in user-specific data area, for example, `C:\Documents and Settings\USERNAME\Application Data\StatSoft\statopts.xml`, where USERNAME is your specific user name.

  When this command-line parameter is used, it overrides the default location of the `statopts.xml` file. The parameter immediately after the "=" is the full path name of the Statistica options file to use. For example:

  statist.exe /statopts=c:\testdir\statopts.xml

However, there are two limitations to this command line argument functionality:

- If using Statistica Enterprise Manager, when editing reports or running reports in desktop Statistica, the `StatOpts.xml` in the User Store can still be used.
- To use this functionality you have to grant users everything except full control (read/write/execute) on the folder containing this file and you cannot set the file attribute to read-only. This avoids all users writing to the same file and there might be file locking issues if using Citrix or Terminal Services desktop Statistica.

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