

Zipper Service

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Chapter 1. About the Zipper service

This topic provides an overview about the Zipper service.

The Zipper service is used to automate the process of zipping and unzipping files and then transfer them from one location to another within your system. Zipping refers to the operation when the service compresses a set of files and then stores them into a zip file. Unzipping refers to the operation when the service extracts the compressed files from a zip file. You can configure the service to perform the operation at a regular interval automatically.

The service requires certain parameters to receive its input. Based on the input parameters, the service does zipping and unzipping of files.

Related information

[About the service parameters \(on page 5\)](#)

Chapter 2. Install the Zipper service

Use the below procedure to install the service in your system.

Ensure that your system has Windows 9 or above installed. The Zipper service is compatible with these version of Windows.

1. Go to www.abczipperservice.com.
The Home page of the website appears.
2. Select **Download** at the top of the page to download the package.
3. After the download is complete, double-click the package to open it.
4. Double-click **ZipperService.exe** to install the service in your system.

The above procedure installs the service in your system. You can go to the **Services** application of Windows to view the Zipper service in the list of services that are installed in your system

Configure the parameters that are required by the service to perform zipping and unzipping.

Related information

[About the service parameters \(on page 5\)](#)

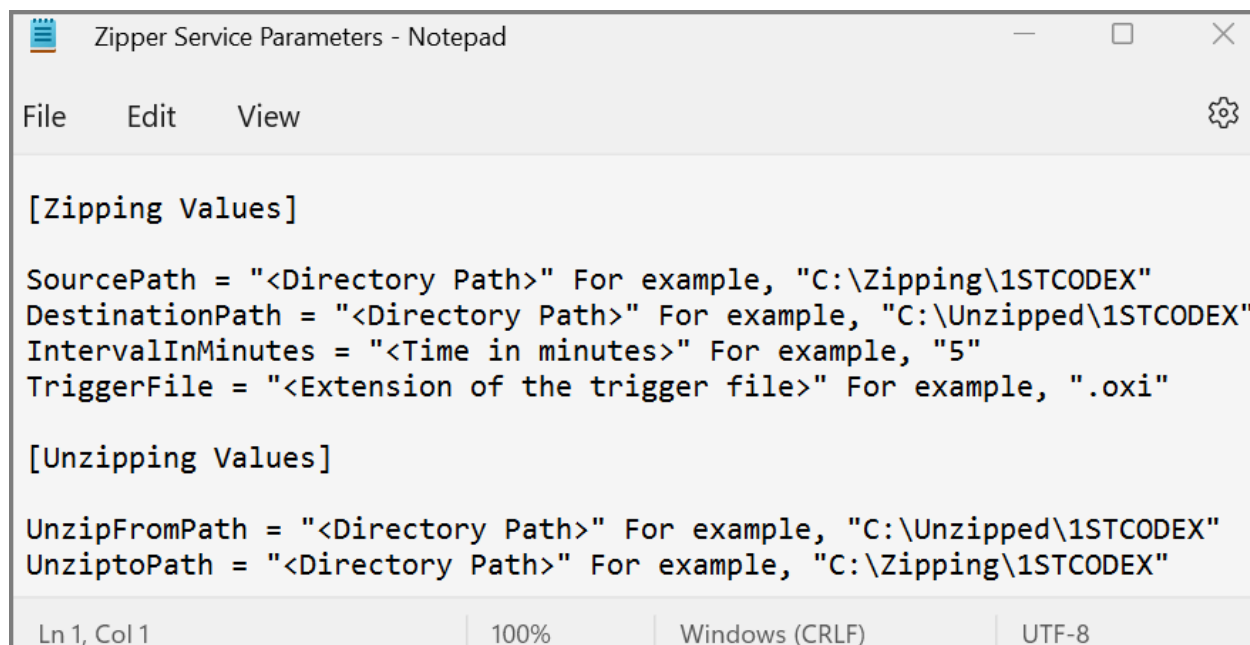
Chapter 3. About the service parameters

This topic provides information about the parameters that are required by the Zipper service to perform its operation.

Parameters are certain values that the service requires to perform its operation. The file in which you configure the parameters is known as configuration file. This file must end with **.ini** extension to make it readable by the service. You can use any text editor, such as Notepad or Notepad++, to create the configuration file.

You must be a system administrator to configure the parameters. Make sure that the configuration file is in the same directory where the Zipper service is installed.

The following screen capture displays an example of the parameters in the configuration file. The **Zipping Values** section lists the parameters that the service uses to zip files, and the **Unzipping Values** section lists the parameters that the service uses to unzip files.



```
[Zipping Values]

SourcePath = "<Directory Path>" For example, "C:\Zipping\1STCODEX"
DestinationPath = "<Directory Path>" For example, "C:\Unzipped\1STCODEX"
IntervalInMinutes = "<Time in minutes>" For example, "5"
TriggerFile = "<Extension of the trigger file>" For example, ".oxi"

[Unzipping Values]

UnzipFromPath = "<Directory Path>" For example, "C:\Unzipped\1STCODEX"
UnziptoPath = "<Directory Path>" For example, "C:\Zipping\1STCODEX"
```

The parameters are explained in the below table.



Note:

Every time you modify a parameter in the configuration file, make sure to restart the service to bring the change into effect.

Parameter	Description
Source Path	Defines the source directory to pick files for zipping.
Destination Path	Defines the destination directory to save the zipped file.
Interval in minutes	Defines the gap between two consecutive executions of the service. For example, in the configuration given above, the gap between two consecutive executions is 5 minutes.
Trigger File	<p>Defines the files extension that the service should recognize in the source directory to begin the zipping operation. In the absence of this file, the service can not start zipping.</p> <p>Note that the source folder should have only one file with the extension that is defined in the TriggerFile parameter. For example, in the above parameters, the trigger file is a file with the .oxi extension.</p>
Unzip from Path	Defines the source directory to pick a zip file for extraction.
Unzip to Path	Defines the destination directory to keep the extracted files. The service creates folder in the given directory with the same name as the zip file being unzipped.

Related information

[Configure the parameters \(on page 7\)](#)

[Run the Zipper service \(on page 10\)](#)

Chapter 4. Configure the parameters

Use the below procedure to configure the parameters for the Zipper service.

1. Open the directory where the Zipper service is installed in your system.

Mostly, the service installs in the **C:\Program Files\Zipper Service** directory. If the service is not installed in the same directory in your system, search `Zipper Service` in the **Search** field of the **C** drive.

2. Right-click in blank space the directory, and then select **New > Text Document** to have a Notepad file in the directory.

If you have any other text editor installed in your system, you can use its document to create the configuration file.

3. Rename the file to `Zipper Service`.
4. Double-click the file or right-click and select **Open** to open the file.
5. Create the `Zipping Values` and `Unzipping Values` sections in the file.
6. Add the parameters as shown in the below example and replace values given in the angled brackets with the actual values.



Note:

Make sure that the value of each parameter should be provided within the double quotation marks.

```
[Zipping Values]

SourcePath = "<Directory Path>" For example, "C:\Zipping\1STCODEX"
DestinationPath = "<Directory Path>" For example, "C:\Unzipped\1STCODEX"
IntervalInMinutes = "<Time in minutes>" For example, "5"
TriggerFile = "<Extension of the trigger file>" For example, ".oxi"

[Unzipping Values]

UnzipFromPath = "<Directory Path>" For example, "C:\Unzipped\1STCODEX"
UnziptoPath = "<Directory Path>" For example, "C:\Zipping\1STCODEX"
```

7. Save the file.

The configuration file is ready to use by the Zipper Service.

Related information

[About the service parameters \(on page 5\)](#)

Chapter 5. Stages in zipping and unzipping operations

This topic provides information about the different stages that the Zipper service goes through to perform zipping and unzipping of files.

The service does zipping and unzipping automatically based on the parameters given in the configuration file. However, in each operation, the service reads a different set of parameters and works in the order defined below.

Stages in zipping

In the zipping operation, the service receives its input from the parameters that are defined in the **Zipping Values** section of the configuration file. The zipping operation happens in the following order.

1. Firstly, the service searches for the trigger file in the source directory.

The **TriggerFile** parameter in the configuration file specifies the type of the trigger file by defining its extension, such as .oxi, .ocx, etc.

2. Secondly, the service compresses files that are available in the source directory into a zip file and then places the zip file in the destination directory.
3. At last the service deletes the source files and the trigger file from the source folder.

Stages in unzipping

In the unzipping operation, the service receives its input from the parameters that are defined in the **Unzipping Values** section of the configuration file. The unzipping operation happens in the following order.

1. Firstly, the service picks a file for unzipping from the directory specified in the **UnzipFomPath** parameter.
2. Secondly, the service extracts files from a zip file and then places them in the destination directory.
3. At last the service deletes the zip file from the source folder after extraction.

Related information

[About the service parameters \(on page 5\)](#)

Chapter 6. Run the Zipper service

Use the below procedure to run the service.

1. Make sure that the configuration file is created in the same directory where the service is installed, and the parameters have correct values.
2. Open the **Services** application to view the list of all the services in your system.
You can search the application by typing `Services` in the **Search** field on the Task bar.
3. Locate the Zipper service in the list of services.
4. Do one of the following to start the service:
 - Select **Run the Service** available at the top of the left pane.
 - Right-click the service and then select **Start** to run it.

The service starts doing its operation.

Related information

[Configure the parameters \(on page 7\)](#)

Chapter 7. Logging of service operations

This topic provides information about the log file where the Zipper service logs its operational details.

The Zipper service logs details of each operation in the **ZipperServiceTrace.txt** trace file. The service creates this file automatically in the same folder where it is installed.

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