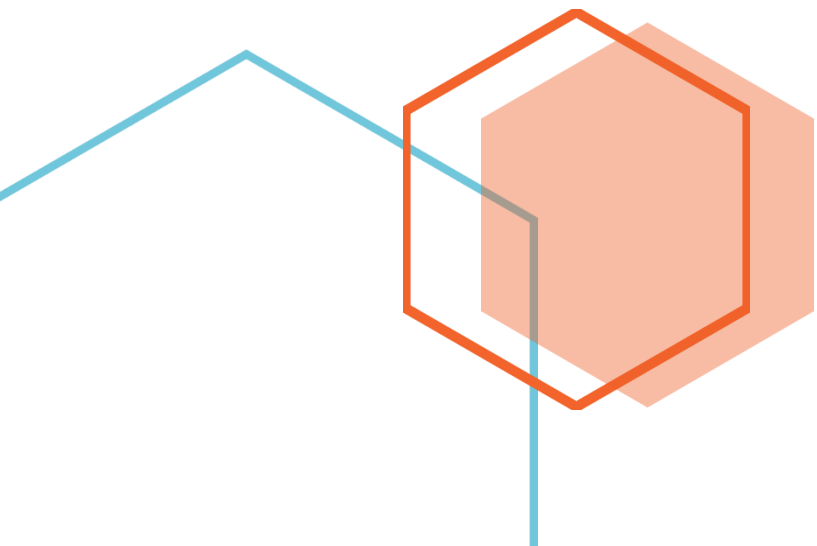




Compression

UiPath Activity

This document provides details of usage of Compression component.



Compression



Compression is a simple and basic component that provides activities for creating and extracting zip archives. i.e., Zip and Unzip. It has two Activities:

1. **Compress:** Creates a zip archive that contains the files and directories from the specified path.

Input Parameters:

- **SourceName (String):** The path to the file or directory to be archived, specified as a relative or absolute path. A relative path is interpreted as relative to the current working directory.
- **DestinationName (String):** The path of the archive to be created specified as a relative or absolute path. A relative path is interpreted as relative to the current working directory. If the destination file already exist, time stamp will be added to the new file.

Output Parameters:

- **Result (Boolean):** Result True If the process executed successfully

Exceptions

- **PathTooLongException:** In **SourceName** or **DestinationName**, the specified path, file name, or both exceed the system-defined maximum length.
- **DirectoryNotFoundException:** **SourceName** is invalid or does not exist (for example, it is on an unmapped drive).
- **IOException:** A file in the specified directory could not be opened.
- **UnauthorizedAccessException:** **DestinationName** specifies a directory. Or The caller does not have the required permission to access the directory specified in **SourceName** or the file specified in **DestinationName**.
- **NotSupportedException:** **SourceName** or **DestinationName** contains an invalid format. Or The zip archive does not support writing.

2. **Extract:** Extracts all the files in the specified zip archive to a directory on the file.

Input Parameters:

- **SourceArchiveFileName (String):** The path to the archive that is to be extracted.
- **DestinationDirectoryName (String):** The path to the directory in which to place the extracted files, specified as a relative or absolute path. A relative path is interpreted as relative to the current working directory. If the destination folder already exist, time stamp will be added to the new folder.

Output Parameters:

- **Result (Boolean):** If the process executed successfully

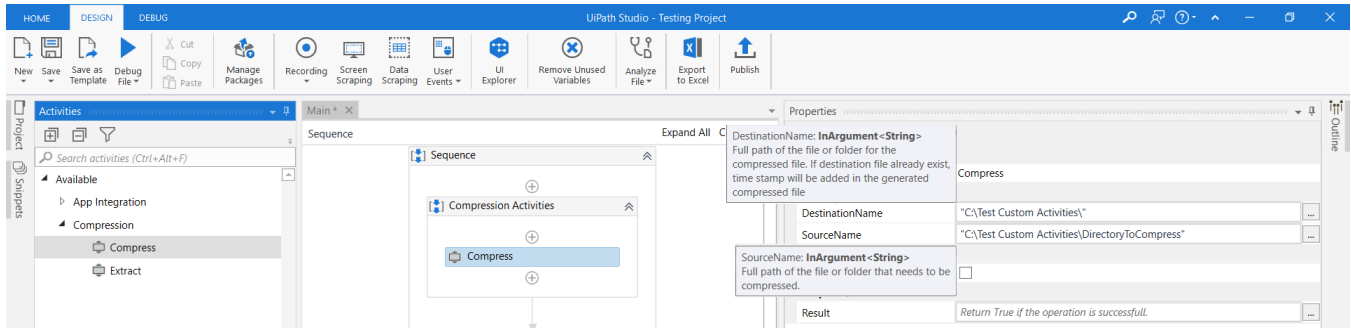
Exceptions

- **PathTooLongException:** The specified path in **DestinationDirectoryName** or **SourceArchiveFileName** exceeds the system-defined maximum length.
- **DirectoryNotFoundException:** The specified path is invalid (for example, it is on an unmapped drive).
- **IOException:** The directory specified by **DestinationDirectoryName** already exists. Or Extracting an archive entry would create a file that is outside the directory specified by **DestinationDirectoryName**. (For example, this might happen if the entry name contains parent directory accessors.) Or An archive entry to extract has the same name as an entry that has already been extracted from the same archive.
- **UnauthorizedAccessException:** The caller does not have the required permission to access the archive or the destination directory.
- **NotSupportedException:** **DestinationDirectoryName** or **SourceArchiveFileName** contains an invalid format.
- **FileNotFoundException:** **SourceArchiveFileName** was not found.
- **InvalidDataException:** The archive specified by **SourceArchiveFileName** is not a valid zip archive.

Compression



Example: How to use Compress Activity?



Example: How to use Extract Activity?

