



# ArchiveProgressEventArgs Class

Contains the data reported in an archive progress event.

## Properties

Property	Description
<code>CurrentArchiveBytesProcessed</code>	Gets the number of compressed bytes processed so far during extraction of the current archive. Valid for all extraction messages.
<code>CurrentArchiveName</code>	Gets the name of the current archive. Not necessarily the name of the archive on disk. Valid for all message types.
<code>CurrentArchiveNumber</code>	Gets the current archive number, when processing a chained set of archives. Valid for all message types.
<code>CurrentArchiveTotalBytes</code>	Gets the total number of compressed bytes to be processed during extraction of the current archive. Valid for all extraction messages.
<code>CurrentFileBytesProcessed</code>	Gets the number of bytes processed so far when compressing or extracting a file. Valid for «see F:WixToolset.Dtf.Compression.ArchiveProgressType.StartFile» , «see

Property	Description
	F:WixToolset.Dtf.Compression.ArchiveProgressType.PartialFile» , and «see F:WixToolset.Dtf.Compression.ArchiveProgressType.FinishFile» messages.
CurrentFileName	Gets the name of the file being processed. (The name of the file within the Archive; not the external file path.) Also includes the internal path of the file, if any. Valid for «see F:WixToolset.Dtf.Compression.ArchiveProgressType.StartFile» , «see F:WixToolset.Dtf.Compression.ArchiveProgressType.PartialFile» , and «see F:WixToolset.Dtf.Compression.ArchiveProgressType.FinishFile» messages.
CurrentFileNumber	Gets the number of the current file being processed. The first file is number 0, and the last file is «see P:WixToolset.Dtf.Compression.ArchiveProgressEventArgs.TotalFiles» -1. Valid for «see F:WixToolset.Dtf.Compression.ArchiveProgressType.StartFile» , «see F:WixToolset.Dtf.Compression.ArchiveProgressType.PartialFile» , and «see F:WixToolset.Dtf.Compression.ArchiveProgressType.FinishFile» messages.
CurrentFileTotalBytes	Gets the total number of bytes in the current file. Valid for «see F:WixToolset.Dtf.Compression.ArchiveProgressType.StartFile» , «see F:WixToolset.Dtf.Compression.ArchiveProgressType.PartialFile» , and «see F:WixToolset.Dtf.Compression.ArchiveProgressType.FinishFile» messages.
FileBytesProcessed	Gets the number of uncompressed bytes processed so far among all files. Valid for all message types.
ProgressType	Gets the type of status message.

Property	Description
<b>TotalArchives</b>	Gets the total number of known archives in a chained set. Valid for all message types.
<b>TotalFileBytes</b>	Gets the total number of uncompressed file bytes to be processed. Valid for all message types.
<b>TotalFiles</b>	Gets the total number of files to be processed. Valid for all message types.

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## CurrentArchiveBytesProcessed Property

Gets the number of compressed bytes processed so far during extraction of the current archive. Valid for all extraction messages.

### Declaration

```
public System.Int64 CurrentArchiveBytesProcessed { get; set; }
```

## CurrentArchiveName Property

Gets the name of the current archive. Not necessarily the name of the archive on disk. Valid for all message types.

## Declaration

```
public string CurrentArchiveName { get; set; }
```

## CurrentArchiveNumber Property

Gets the current archive number, when processing a chained set of archives. Valid for all message types.

## Declaration

```
public int CurrentArchiveNumber { get; set; }
```

## Remarks

The first archive is number 0, and the last archive is «see `P:WixToolset.Dtf.Compression.ArchiveProgressEventArgs.TotalArchives`» -1.

## CurrentArchiveTotalBytes Property

Gets the total number of compressed bytes to be processed during extraction of the current archive. Valid for all extraction messages.

## Declaration

```
public System.Int64 CurrentArchiveTotalBytes { get; set; }
```

Gets the number of bytes processed so far when compressing or extracting a file. Valid for «see F:WixToolset.Dtf.Compression.ArchiveProgressType.StartFile», «see F:WixToolset.Dtf.Compression.ArchiveProgressType.PartialFile», and «see F:WixToolset.Dtf.Compression.ArchiveProgressType.FinishFile» messages.

## Declaration

```
public System.Int64 CurrentFileBytesProcessed { get; set; }
```

## CurrentFileName Property

Gets the name of the file being processed. (The name of the file within the Archive; not the external file path.) Also includes the internal path of the file, if any. Valid for «see F:WixToolset.Dtf.Compression.ArchiveProgressType.StartFile», «see F:WixToolset.Dtf.Compression.ArchiveProgressType.PartialFile», and «see F:WixToolset.Dtf.Compression.ArchiveProgressType.FinishFile» messages.

## Declaration

```
public string CurrentFileName { get; set; }
```

## CurrentFileNumber Property

Gets the number of the current file being processed. The first file is number 0, and the last file is «see P:WixToolset.Dtf.Compression.ArchiveProgressEventArgs.TotalFiles» -1. Valid for «see F:WixToolset.Dtf.Compression.ArchiveProgressType.StartFile» , «see F:WixToolset.Dtf.Compression.ArchiveProgressType.PartialFile» , and «see F:WixToolset.Dtf.Compression.ArchiveProgressType.FinishFile» messages.

## Declaration

```
public int CurrentFileNumber { get; set; }
```

## CurrentFileTotalBytes Property

Gets the total number of bytes in the current file. Valid for «see F:WixToolset.Dtf.Compression.ArchiveProgressType.StartFile» , «see F:WixToolset.Dtf.Compression.ArchiveProgressType.PartialFile» , and «see F:WixToolset.Dtf.Compression.ArchiveProgressType.FinishFile» messages.

## Declaration

```
public System.Int64 CurrentFileTotalBytes { get; set; }
```

## FileBytesProcessed Property

Gets the number of uncompressed bytes processed so far among all files. Valid for all message types.

## Declaration

```
public System.Int64 FileBytesProcessed { get; set; }
```

## Remarks

When compared to «see P:WixToolset.Dtf.Compression.ArchiveProgressEventArgs.TotalFileBytes» , this can be used as a measure of overall progress.

## ProgressType Property

Gets the type of status message.

## Declaration

```
public ArchiveProgressType ProgressType { get; set; }
```

## Remarks

The handler may choose to ignore some types of progress events. For example, if the handler will only list each file as it is compressed/extracted, it can ignore events that are not of type «see F:WixToolset.Dtf.Compression.ArchiveProgressType.FinishFile» .

## TotalArchives Property

Gets the total number of known archives in a chained set. Valid for all message types.

## Declaration

```
public int TotalArchives { get; set; }
```

## Remarks

When using the compression option to auto-split into multiple archives based on data size, this value will not be accurate until the end.

## TotalFileBytes Property

Gets the total number of uncompressed file bytes to be processed. Valid for all message types.

## Declaration

```
public System.Int64 TotalFileBytes { get; set; }
```

## TotalFiles Property

Gets the total number of files to be processed. Valid for all message types.



## Declaration

```
public int TotalFiles { get; set; }
```