



# ZipReader Class

Contains methods to get information about zip entries and to extract content for specified zip entries from the zip file.

## Namespace

### Compression

- [ZipReader Constructors](#)
- [ZipReader Methods](#)

## ZipReader Constructors

The following are constructors for `ZipReader`.

- [ZipReader\(data\)](#)  
Creates a new instance of the `ZipReader` class using the specified blob data.

### ZipReader(data)

Creates a new instance of the `ZipReader` class using the specified blob data.

#### Signature

```
global ZipReader(Blob data)
```

#### Parameters

*data*

Type: [Blob](#)

Apex blob that contains the compressed content.

## ZipReader Methods

The following are methods for `ZipReader`.

- [extract\(name\)](#)  
Extracts the bytes for the specified zip entry name and decompresses the content.
- [extract\(entry\)](#)  
Extracts the bytes for the specified zip entry and decompresses the content.
- [getEntries\(\)](#)  
Gets a list of all the entries from the zip file.
- [getEntriesMap\(\)](#)  
Gets a map of names and the corresponding zip entries from the zip file.
- [getEntry\(name\)](#)  
Gets a zip entry for the specified name from the zip file.
- [getEntryNames\(\)](#)  
Gets a list of all the zip entry names from the zip file.



```
public blob extract(string name)
```

#### Parameters

*name*

Type: [string](#)

Specifies the zip entry name to extract and decompress.

#### Return Value

Type: [blob](#)

Apex blob that contains the decompressed content.

### extract(entry)

Extracts the bytes for the specified zip entry and decompresses the content.

#### Signature

```
public blob extract(Compression.ZipEntry entry)
```

#### Parameters

*entry*

Type: [Compression.ZipEntry](#)

Specifies the zip entry to extract and decompress.

#### Return Value

Type: [blob](#)

Apex blob that contains the decompressed content.

### getEntries()

Gets a list of all the entries from the zip file.

#### Signature

```
public List<compression.ZipEntry> getEntries()
```

#### Return Value

Type: List<[Compression.ZipEntry](#)>

### getEntriesMap()

Gets a map of names and the corresponding zip entries from the zip file.

#### Signature

```
public Map<String,Compression.ZipEntry> getEntriesMap()
```

#### Return Value

Type: Map<[string,Compression.ZipEntry](#)>

### getEntry(name)



Parameters

*name*

Type: [string](#)

Name of the zip entry.

Return Value

Type: [Compression.ZipEntry](#)

Throws a `ZipException` if the specified name isn't found.

getEntryNames()

Gets a list of all the zip entry names from the zip file.

Signature

```
public List<String> getEntryNames()
```

Return Value

Type: List<[String](#)>



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