



Blob Class

Contains methods for the Blob primitive data type.

Namespace

[System](#)

Usage

Salesforce supports Blob manipulation only with Apex class methods that are supplied by Salesforce. For more information on Blobs, see [Primitive Data Types](#).

Blob Methods

The following are methods for `Blob`.

- [size\(\)](#)
Returns the number of bytes in the Blob.
- [toPdf\(stringToConvert\)](#)
Creates a binary object out of the given string, encoding it as a PDF file.
- [toString\(\)](#)
Casts the Blob into a String.
- [valueOf\(stringToBlob\)](#)
Casts the specified String to a Blob.

size()

Returns the number of bytes in the Blob.

Signature

```
public Integer size()
```

Return Value

Type: [Integer](#)

Example

```
String myString = 'StringToBlob';
Blob myBlob = Blob.valueOf(myString);
Integer size = myBlob.size();
```

toPdf(stringToConvert)

Creates a binary object out of the given string, encoding it as a PDF file.

Signature

Type: [String](#)**Note**

Referencing a static resource throws an `InvalidParameterValue` exception.

Return ValueType: [Blob](#)**Usage**

`Blob.toPDF(stringToConvert)` doesn't support web fonts, so you can't specify a font for the string.

`Blob.toPDF(stringToConvert)` also doesn't support multibyte characters, such as Japanese and accented international characters. To render multibyte characters in a PDF file, consider adding the string to a Visualforce page, and then rendering the page as a PDF file. See [Render a Visualforce Page as a PDF File](#).

Example

```
String pdfContent = 'This is a test string';
Account a = new account(name = 'test');
insert a;
Attachment attachmentPDF = new Attachment();
attachmentPdf.parentId = a.id;
attachmentPdf.name = a.name + '.pdf';
attachmentPdf.body = Blob.toPDF(pdfContent);
insert attachmentPDF;
```

toString()

Casts the Blob into a String.

Signature

```
public String toString()
```

Return ValueType: [String](#)**Example**

```
String myString = 'StringToBlob';
Blob myBlob = Blob.valueOf(myString);
System.assertEquals('StringToBlob', myBlob.toString());
```

valueOf(stringToBlob)

Casts the specified String to a Blob.

Signature

```
public static Blob valueOf(String stringToBlob)
```

Parameters



Type: [Blob](#)

Example

```
String myString = 'StringToBlob';  
Blob myBlob = Blob.valueOf(myString);
```

DID THIS ARTICLE SOLVE YOUR ISSUE?

Let us know so we can improve!

[Share your feedback](#)

DEVELOPER CENTERS

[Heroku](#)
[MuleSoft](#)
[Tableau](#)
[Commerce Cloud](#)
[Lightning Design System](#)
[Einstein](#)
[Quip](#)

POPULAR RESOURCES

[Documentation](#)
[Component Library](#)
[APIs](#)
[Trailhead](#)
[Sample Apps](#)
[Podcasts](#)
[AppExchange](#)

COMMUNITY

[Trailblazer Community](#)
[Events and Calendar](#)
[Partner Community](#)
[Blog](#)
[Salesforce Admins](#)
[Salesforce Architects](#)

© Copyright 2025 Salesforce, Inc. [All rights reserved.](#) Various trademarks held by their respective owners. Salesforce, Inc.
Salesforce Tower, 415 Mission Street, 3rd Floor, San Francisco, CA 94105, United States

[Privacy Information](#) [Terms of Service](#) [Legal](#) [Use of Cookies](#) [Trust](#) [Cookie Preferences](#)

[Your Privacy Choices](#) [Responsible Disclosure](#) [Contact](#)