Developers

DomainParser Class

Use the DomainParser class to parse a domain that Salesforce hosts for the org and extract information about the domain.

Namespace

System

Examples

This example code parses the org's Lightning domain and gets the My Domain name and domain type from the `System.Domain` object.

```
System.Domain d = DomainParser.parse('mycompany.lightning.force.com');
String myDomainName = d.getMyDomainName();
System.DomainType domainType = d.getDomainType();
```

This example code parses a known Visualforce URL to get the domain type, the org's My Domain name, and the package name.

```
//Parse a known URL
System.Domain domain = DomainParser.parse('https://mycompany--abcpackage.vf.force.com');

//Get the domain type
System.DomainType domainType = domain.getDomainType(); // Returns VISUALFORCE_DOMAIN

//Get the org's My Domain name
String myDomainName = domain.getMyDomainName(); // Returns mycompany

//Get the package name
String packageName = domain.getPackageName(); // Returns abcpackage
```

- **DomainParser Methods**

DomainParser Methods

The following are methods for `DomainParser`.

- **parse(hostname)**
  Parses a passed hostname of a domain that Salesforce hosts for the org, and returns the System.Domain.
- **parse(url)**
  Parses a passed uniform resource locator (URL) of a domain that Salesforce hosts for the org, and returns the System.Domain.

parse(hostname)

Parses a passed hostname of a domain that Salesforce hosts for the org, and returns the System.Domain.

hostname

Type: String

The label that identifies a Salesforce host, including all subdomains but without the protocol, path, or any parameters. For example, `mycompany.my.site.com` or `mycompany--sandbox1.sandbox.my.salesforceforce.com`.
If the hostname format is invalid, it isn't a Salesforce hosted domain, or it isn't owned by this org, this method throws an `InvalidParameterValueException`.

Return Value

Type: System.Domain

parse(url)

Parses a passed uniform resource locator (URL) of a domain that Salesforce hosts for the org, and returns the System.Domain.

Signature

```
public static System.Domain parse(System.Url url)
```

Parameters

url

Type: System.Url

A uniform resource locator (URL) for a Salesforce org, including all subdomains and the protocol. For example, `https://mycompany--sandbox1.sandbox.my.salesforceforce.com`.
The URL can also include paths and parameters. For example, `https://mycompany.my.site.com/en/us/help` or `https://mycompany.file.force.com/servlet/servlet.FileDownload?file=015300000000xvU`.

If the URL format is invalid, it isn't a Salesforce hosted domain, or it isn't owned by this org, this method throws an `InvalidParameterValueException`.

Return Value

Type: System.Domain

DID THIS ARTICLE SOLVE YOUR ISSUE?
Let us know so we can improve!

Share your feedback

DEVELOPER CENTERS

Heroku

MuleSoft

Tableau

POPULAR RESOURCES

Documentation

Component Library

APIs

COMMUNITY

Trailblazer Community

Events and Calendar

Partner Community

Privacy Information   Terms of Service   Legal   Use of Cookies   Trust   Cookie Preferences

Your Privacy Choices   Responsible Disclosure   Contact