



UserData Class

Stores user information for authentication provider registration handlers, including handlers that implement the `Auth.RegistrationHandler` interface and handlers built using Flow Builder.

Namespace

[Auth](#)

Usage

For more information about using this class with the `Auth.RegistrationHandler` interface, see [Storing User Information and Getting Access Tokens](#) in the `RegistrationHandler` Interface documentation.

For more information about using this class as an Apex-defined variable in a user registration flow, see [Example: Authentication Provider Registration Handler Flow](#) in Salesforce Help

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UserData Constructors

The following are constructors for `UserData`.

- [UserData\(identifier, firstName, lastName, fullName, email, link, userName, locale, provider, siteLoginUrl, attributeMap\)](#)
Creates a new instance of the `Auth.UserData` class using the specified arguments.
- [UserData\(identifier, firstName, lastName, fullName, email, link, username, locale, provider, siteLoginUrl, attributeMap, idToken, userInfoJSONString\)](#)
Creates an instance of the `Auth.UserData` class that includes the ID token and user info response from the identity provider, if returned during single sign-on.

UserData(identifier, firstName, lastName, fullName, email, link, userName, locale, provider, siteLoginUrl, attributeMap)

Creates a new instance of the `Auth.UserData` class using the specified arguments.

Signature

```
public UserData(String identifier, String firstName, String lastName, String fullName, String email, String link, String userName, String locale, String provider, String siteLoginUrl, Map<String,String> attributeMap)
```

Parameters

identifier

Type: [String](#)

An identifier from the third party for the authenticated user, such as the Facebook user number or the Salesforce user ID.

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

The last name of the authenticated user, according to the third party.

fullNameType: [String](#)

The full name of the authenticated user, according to the third party.

emailType: [String](#)

The email address of the authenticated user, according to the third party.

linkType: [String](#)

A stable link for the authenticated user such as `https://www.facebook.com/MyUsername`.

userNameType: [String](#)

The username of the authenticated user in the third party.

localeType: [String](#)

The standard locale string for the authenticated user.

providerType: [String](#)

The service used to log in, such as Facebook or Janrain.

siteLoginUrlType: [String](#)

The site login page URL passed in if used with a site; null otherwise.

attributeMapType: [Map<String, String>](#)

A map of data from the third party, in case the handler has to access non-standard values. For example, when using Janrain as a provider, the fields Janrain returns in its `accessCredentials` dictionary are placed into the `attributeMap`. These fields vary by provider.

UserData(identifier, firstName, lastName, fullName, email, link, username, locale, provider, siteLoginUrl, attributeMap, idToken, userInfoJSONString)

Creates an instance of the `Auth.UserData` class that includes the ID token and user info response from the identity provider, if returned during single sign-on.

Signature

```
public UserData(String identifier, String firstName, String lastName, String fullName, String email, String link, String username, String locale, String provider, String siteLoginUrl, Map<String,String> attributeMap, String idToken, String userInfoJSONString)
```

Parameters



the Salesforce user ID.

firstName

Type: [String](#)

The first name of the authenticated user, according to the third party.

lastName

Type: [String](#)

The last name of the authenticated user, according to the third party.

fullName

Type: [String](#)

The full name of the authenticated user, according to the third party.

email

Type: [String](#)

The email address of the authenticated user, according to the third party.

link

Type: [String](#)

A stable link for the authenticated user such as `https://www.facebook.com/MyUsername`.

username

Type: [String](#)

The username of the authenticated user in the third party.

locale

Type: [String](#)

The standard locale string for the authenticated user.

provider

Type: [String](#)

The service used to log in, such as Facebook or Janrain.

siteLoginUrl

Type: [String](#)

The site login page URL passed in if used with a site; `null` otherwise.

attributeMap

Type: [Map<String, String>](#)

A map of data from the third party, in case the handler has to access non-standard values. For example, when using Janrain as a provider, the fields Janrain returns in its `accessCredentials` dictionary are placed into the *attributeMap*. These fields vary by provider.

idToken

Type: [String](#)

If provided by the third party, the ID token, formatted as an encoded JWT. The ID token contains claims with information about the authenticated user.

userInfoJSONString

Type: [String](#)



UserData Properties

The following are properties for `UserData`.

- **identifier**
An identifier from the third party for the authenticated user, such as the Facebook user number or the Salesforce user ID.
- **firstName**
The first name of the authenticated user, according to the third party.
- **lastName**
The last name of the authenticated user, according to the third party.
- **fullName**
The full name of the authenticated user, according to the third party.
- **email**
The email address of the authenticated user, according to the third party.
- **link**
A stable link for the authenticated user such as `https://www.facebook.com/MyUsername`.
- **username**
The username of the authenticated user in the third party.
- **locale**
The standard locale string for the authenticated user.
- **provider**
The service used to log in, such as Facebook or Janrain.
- **siteLoginUrl**
The site login page URL passed in if used with a site; null otherwise.
- **attributeMap**
A map of data from the third party, in case the handler has to access non-standard values. For example, when using Janrain as a provider, the fields Janrain returns in its `accessCredentials` dictionary are placed into the `attributeMap`. These fields vary by provider.
- **idToken**
If provided, the ID token from the third party, formatted as an encoded JWT. The ID token contains claims with information about the authenticated user.
- **userInfoJSONString**
If provided, the user info response from the third party. The user info response is a JSON object containing user attributes. When used in this property, the JSON object is serialized into a string.
- **idTokenJSONString**
If provided, the ID token from the third party. The ID token is formatted as a JSON Web Token (JWT) containing claims with information about the user. When used in this property, the ID token is serialized into a string.

identifier

An identifier from the third party for the authenticated user, such as the Facebook user number or the Salesforce user ID.

Signature

```
public String identifier {get; set;}
```

Property Value

Type: `String`

firstName

**Property Value**Type: [String](#)**lastName**

The last name of the authenticated user, according to the third party.

Signature

```
public String lastName {get; set;}
```

Property ValueType: [String](#)**fullName**

The full name of the authenticated user, according to the third party.

Signature

```
public String fullName {get; set;}
```

Property ValueType: [String](#)**email**

The email address of the authenticated user, according to the third party.

Signature

```
public String email {get; set;}
```

Property ValueType: [String](#)**link**

A stable link for the authenticated user such as `https://www.facebook.com/MyUsername`.

Signature

```
public String link {get; set;}
```

Property ValueType: [String](#)**username**

The username of the authenticated user in the third party.

Signature

```
public String username {get; set;}
```

Property Value



The standard locale string for the authenticated user.

Signature

```
public String locale {get; set;}
```

Property Value

Type: [String](#)

provider

The service used to log in, such as Facebook or Janrain.

Signature

```
public String provider {get; set;}
```

Property Value

Type: [String](#)

siteLoginUrl

The site login page URL passed in if used with a site; null otherwise.

Signature

```
public String siteLoginUrl {get; set;}
```

Property Value

Type: [String](#)

attributeMap

A map of data from the third party, in case the handler has to access non-standard values. For example, when using Janrain as a provider, the fields Janrain returns in its `accessCredentials` dictionary are placed into the `attributeMap`. These fields vary by provider.

Signature

```
public Map<String, String> attributeMap {get; set;}
```

Property Value

Type: [Map<String, String>](#)

idToken

If provided, the ID token from the third party, formatted as an encoded JWT. The ID token contains claims with information about the authenticated user.

Signature

```
public String idToken {get; set;}
```

Property Value

Type: [String](#)

userInfoJSONString



```
public String userInfoJSONString {get; set;}
```

Property Value

Type: [String](#)

idTokenJSONString

If provided, the ID token from the third party. The ID token is formatted as a JSON Web Token (JWT) containing claims with information about the user. When used in this property, the ID token is serialized into a string.

Signature

```
public String idTokenJSONString {get; set;}
```

Property Value

Type: [String](#)

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