



GeneratedUserData Class

Stores the output of the Generate User Data invocable action, which you can access in Flow Builder.

Namespace

[Auth](#)

Usage

For single sign-on (SSO) implementations that use the authentication provider framework, you must set up a registration handler that creates and updates users who log in via the identity provider. In some cases, the identity provider doesn't return enough information to create a user record in Salesforce. If you use Flow Builder for your registration handler, you can use the Generate User Data invocable action to help you create complete user records. This action generates placeholder data for all required fields for the User object.

The `Auth.GeneratedUserData` class stores the output of this action. Use the output as an Apex-defined variable in the flow. When you create a user, reference specific properties from this class to set values for required fields.

For more information, see these resources in Salesforce Help.

- [Flow Core Action: Generate User Data](#)
- [Example: Authentication Provider Registration Handler Flow](#)
- [GeneratedUserData Constructors](#)
- [GeneratedUserData Properties](#)

GeneratedUserData Constructors

The following are constructors for `GeneratedUserData`.

- [GeneratedUserData\(firstName, lastName, email, username, alias, languageLocaleKey, localesIdKey, emailEncodingKey, timeZoneSidKey\)](#)

The Generate User Data action in Flow Builder uses this constructor to create an instance of the `Auth.GeneratedUserData` class.

GeneratedUserData(firstName, lastName, email, username, alias, languageLocaleKey, localesIdKey, emailEncodingKey, timeZoneSidKey)

The Generate User Data action in Flow Builder uses this constructor to create an instance of the `Auth.GeneratedUserData` class.

Signature

```
public GeneratedUserData(String firstName, String lastName, String email, String username, String alias, String languageLocaleKey, String localesIdKey, String emailEncodingKey, String timeZoneSidKey)
```

Parameters



placeholder-first-name.

lastName

Type: [String](#)

Stores a generated placeholder value for the user's last name, also known as family name. The generated value is `placeholder-last-name`.

email

Type: [String](#)

Stores a generated placeholder value for the user's email address. The generated value is `placeholder-email@example.com`.

username

Type: [String](#)

Stores a generated placeholder value for the user's username. The generated value is `placeholder-username<unique 14-character number>@example.com`, such as `placeholder-username17370000000000@example.com`.

alias

Type: [String](#)

Stores a generated placeholder value for the user's alias. The generated value is `alias`.

languageLocaleKey

Type: [String](#)

Stores the default value for the user's language, such as `en_US` for English. The default value is the language for the registration handler execution user. The execution user is specified in the `Run As` field in the authentication provider definition.

localesIdKey

Type: [String](#)

Stores the default value for the user's locale, defined using two-letter International Organization for Standardization (ISO) codes. For example, `en_US` indicates English (United States). The default value is the language for the registration handler execution user. The execution user is specified in the `Run As` field in the authentication provider definition.

emailEncodingKey

Type: [String](#)

Stores the default value for the email encoding type for the user, such as `UTF-8`. The email encoding type determines how Salesforce encodes characters in outgoing emails. The default value is the email encoding key for the registration handler execution user. The execution user is specified in the `Run As` field in the authentication provider definition.

timeZoneSidKey

Type: [String](#)

Stores the default value for the user's time zone, such as `GMT-07:00 Pacific Daylight Time (America/Los_Angeles)`. The time zone is defined using region and key city according to ISO standards. The default value is the time zone for the registration handler execution user. The execution user is specified in the `Run As` field in the authentication provider definition.

GeneratedUserData Properties

The following are properties for `GeneratedUserData`.



is placeholder-email@example.com.

- **emailEncodingKey**
Stores the default value for the email encoding type for the user, such as UTF-8. The email encoding type determines how Salesforce encodes characters in outgoing emails. The default value is the email encoding key for the execution user specified in the Run As field in the authentication provider definition.
- **firstName**
Stores a generated placeholder value for the user's first name. The placeholder value is placeholder-first-name.
- **languageLocaleKey**
Stores the default value for the user's language, such as en_US for English. The default value is the language for the registration handler execution user. The execution user is specified in the Run As field in the authentication provider definition.
- **lastName**
Stores a generated placeholder value for the user's last name, also known as family name. The placeholder value is placeholder-last-name.
- **localesIdKey**
Stores the default value for the user's locale, defined using two-letter International Organization for Standardization (ISO) codes. For example, en_US indicates English (United States). The default value is the language for the registration handler execution user. The execution user is specified in the Run As field in the authentication provider definition.
- **timeZoneSidKey**
Stores the default value for the user's time zone, such as (GMT-07:00) Pacific Daylight Time (America/Los_Angeles). The time zone is defined using region and key city according to ISO standards. The default value is the time zone for the registration handler execution user. The execution user is specified in the Run As field in the authentication provider definition.
- **username**
Stores a generated placeholder value for the user's username. The placeholder value is placeholder-username<unique 14-character number>@example.com, such as placeholder-username17370000000000@example.com.

alias

Stores a generated placeholder value for the user's alias. The placeholder value is alias.

Signature

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

Property Value

Type: [String](#)

email

Stores a generated placeholder value for the user's email address. The placeholder value is placeholder-email@example.com.

Signature

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

Property Value

Type: [String](#)



provider definition.

Signature

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

Property Value

Type: [String](#)

firstName

Stores a generated placeholder value for the user's first name. The placeholder value is `placeholder-first-name`.

Signature

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

Property Value

Type: [String](#)

languageLocaleKey

Stores the default value for the user's language, such as `en_us` for English. The default value is the language for the registration handler execution user. The execution user is specified in the Run As field in the authentication provider definition.

Signature

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

Property Value

Type: [String](#)

lastName

Stores a generated placeholder value for the user's last name, also known as family name. The placeholder value is `placeholder-last-name`.

Signature

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

Property Value

Type: [String](#)

localesIdKey

Stores the default value for the user's locale, defined using two-letter International Organization for Standardization (ISO) codes. For example, `en_us` indicates English (United States). The default value is the language for the registration handler execution user. The execution user is specified in the Run As field in the authentication provider definition.

Signature

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

Property Value



Stores the default value for the user's time zone, such as `(GMT-07:00) Pacific Daylight Time (America/Los_Angeles)`. The time zone is defined using region and key city according to ISO standards. The default value is the time zone for the registration handler execution user. The execution user is specified in the Run As field in the authentication provider definition.

Signature

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

Property Value

Type: [String](#)

username

Stores a generated placeholder value for the user's username. The placeholder value is `placeholder-username<unique 14-character number>@example.com`, such as `placeholder-username17370000000000@example.com`.

Signature

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

Property Value

Type: [String](#)

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