



DMLOptions Class

Enables you to set options related to DML operations.

Namespace

[Database](#)

Usage

`Database.DMLOptions` is only available for Apex saved against API versions 15.0 and higher. DMLOptions settings take effect only for record operations performed using Apex DML and not through the Salesforce user interface. The DMLOptions class has three child options.

DML Child Options

[DMLOptions.AssignmentRuleHeader](#)—Enables setting assignment rule options.

[DMLOptions.DuplicateRuleHeader](#)—Determines options for using duplicate rules to detect duplicate records. Duplicate rules are part of the Duplicate Management feature.

[DMLOptions.EmailHeader](#)—Enables setting email options.

DmLOptions Properties

The following are properties for `DmLOptions`.

- [allowFieldTruncation](#)
Specifies the truncation behavior of large strings.
- [assignmentRuleHeader](#)
Specifies the assignment rule to be used when creating a case or lead.
- [emailHeader](#)
Specifies additional information regarding the automatic email that gets sent when an events occurs.
- [localeOptions](#)
Specifies the language of any labels that are returned by Apex.
- [optAllOrNone](#)
Specifies whether the operation allows for partial success.

allowFieldTruncation

Specifies the truncation behavior of large strings.

Signature

```
public Boolean allowFieldTruncation {get; set;}
```

Property Value

Type: [Boolean](#)

Usage



assignmentRuleHeader

Specifies the assignment rule to be used when creating a case or lead.

Signature

```
public Database.DmlOptions.AssignmentRuleHeader assignmentRuleHeader {get; set;}
```

Property Value

Type: [Database.DMLOptions.AssignmentRuleHeader](#)

Usage

DMLOption.AssignmentRuleHeader.useDefaultRule affects only the default assignment rule and does not disable other existing assignment rules on the object.



Note

The Database.DMLOptions object supports assignment rules for cases and leads, but not for accounts.

emailHeader

Specifies additional information regarding the automatic email that gets sent when an events occurs.

Signature

```
public Database.DmlOptions.EmailHeader emailHeader {get; set;}
```

Property Value

Type: [Database.DMLOptions.EmailHeader](#)

Usage

The Salesforce user interface allows you to specify whether or not to send an email when the following events occur.

- Creation of a new case or task
- Conversion of a case email to a contact
- New user email notification
- Lead queue email notification
- Password reset

In Apex saved against API version 15.0 or later, the Database.DMLOptions emailHeader property enables you to specify additional information regarding the email that gets sent when one of the events occurs because of the code's execution.

localeOptions

Specifies the language of any labels that are returned by Apex.

Signature

```
public Database.DmlOptions.LocaleOptions localeOptions {get; set;}
```



The value must be a valid user locale (language and country), such as `de_DE` or `en_GB`. The value is a String, 2-5 characters long. The first two characters are always an ISO language code, for example 'fr' or 'en.' If the value is further qualified by a country, then the string also has an underscore (`_`) and another ISO country code, for example 'US' or 'UK'. For example, the string for the United States is 'en_US', and the string for French Canadian is 'fr_CA'.

optAllOrNone

Specifies whether the operation allows for partial success.

Signature

```
public Boolean optAllOrNone {get; set;}
```

Property Value

Type: [Boolean](#)

Usage

If `optAllOrNone` is set to `true`, all changes are rolled back if any record causes errors. The default for this property is `false` and successfully processed records are committed while records with errors aren't. If `optAllOrNone` is set to `false` and a record fails, the remainder of the DML operation can still succeed. You must iterate through the returned results to identify which records succeeded or failed.

This property is available in Apex saved against Salesforce API version 20.0 and later.

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