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Developers   ⌄

| Message Class   ☰ |

Message Class

Contains validation errors that occur when the user saves the page that uses a standard controller.

Namespace

[ApexPages](#)

Usage

When using a standard controller, all validation errors, both custom and standard, that occur when the user saves the page are automatically added to the page error collections. If an `inputField` component is bound to the field with an error, the message is added to the component's error collection. All messages are added to the page's error collection. For more information, see [Validation Rules and Standard Controllers](#) in the *Visualforce Developer's Guide*.
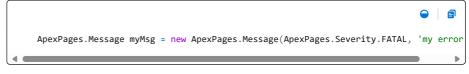
If your application uses a custom controller or extension, you must use the `message` class for collecting errors.

Instantiation

In a custom controller or controller extension, you can instantiate a Message in one of these ways:

- ```
  ApexPages.Message myMsg = new ApexPages.Message(ApexPages.severity, summary);
  ```

  where `ApexPages.` *severity* is the enum that determines how severe a message is, and *summary* is the String used to summarize the message. For example:

  ```
  ApexPages.Message myMsg = new ApexPages.Message(ApexPages.Severity.FATAL, 'my error
  ```

- ```
  ApexPages.Message myMsg = new ApexPages.Message(ApexPages.severity, summary, detail
  ```

  where `ApexPages.` *severity* is the enum that determines how severe a message is, *summary* is the String used to summarize the message, and *detail* is the String used to provide more detailed information about the error.

ApexPages.Severity Enum

To specify the severity of the message, use the `ApexPages.Severity` enum values. The following are the valid values:

- `CONFIRM`
- `ERROR`
- `FATAL`

Message Constructors

The following are constructors for `Message`.

- **Message(severity, summary)**
  Creates a new instance of the `ApexPages.Message` class using the specified message severity and summary.
- **Message(severity, summary, detail)**
  Creates a new instance of the `ApexPages.Message` class using the specified message severity, summary, and message detail.
- **Message(severity, summary, detail, id)**
  Creates a new instance of the `ApexPages.Message` class using the specified severity, summary, detail, and component ID.

Message(severity, summary)

Creates a new instance of the `ApexPages.Message` class using the specified message severity and summary.

Signature

```
public Message(ApexPages.Severity severity, String summary)
```

Parameters

severity

Type: ApexPages.Severity

The severity of a Visualforce message.

summary

Type: String

The summary Visualforce message.

Message(severity, summary, detail)

Creates a new instance of the `ApexPages.Message` class using the specified message severity, summary, and message detail.

Signature

```
public Message(ApexPages.Severity severity, String summary, String detail)
```

Parameters

severity

Type: ApexPages.Severity

The severity of a Visualforce message.

summary

Type: String

The summary Visualforce message.

detail

Message(severity, summary, detail, id)

Creates a new instance of the `ApexPages.Message` class using the specified severity, summary, detail, and component ID.

Signature

```
public Message(ApexPages.Severity severity, String summary, String detail, String id)
```

Parameters

severity

Type: ApexPages.Severity

The severity of a Visualforce message.

summary

Type: String

The summary Visualforce message.

detail

Type: String

The detailed Visualforce message.

id

Type: String

The ID of the Visualforce component to associate with the message, for example, a form field with an error.

Message Methods

The following are methods for `Message`. All are instance methods.

- **getComponentLabel()**
  Returns the label of the associated `inputField` component. If no label is defined, this method returns `null`.
- **getDetail()**
  Returns the value of the detail parameter used to create the message. If no detail String was specified, this method returns `null`.
- **getSeverity()**
  Returns the severity enum used to create the message.
- **getSummary()**
  Returns the summary String used to create the message.

getComponentLabel()

Returns the label of the associated `inputField` component. If no label is defined, this method returns `null`.

Signature

```
public String getComponentLabel()
```

Return Value

Type: String

Signature

```
public String getDetail()
```

Return Value

Type: String

getSeverity()

Returns the severity enum used to create the message.

Signature

```
public ApexPages.Severity getSeverity()
```

Return Value

Type: ApexPages.Severity

getSummary()

Returns the summary String used to create the message.

Signature

```
public String getSummary()
```

Return Value

Type: String

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