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Developers

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Request Class ☰

Request Class

Contains methods to obtain the request ID and Quiddity value of the current Salesforce request.

Namespace

System

Usage

Use the Request class to detect the current Apex context at runtime. The methods in the Request class obtain a unique request ID and the Quiddity value that represent the current Apex execution type. These values can also be used to correlate with debug and event logs:

- The request ID is universally unique and present in the debug logs that are triggered by the request.
- The request ID and Quiddity values are the same as in the event log files of the Apex Execution event type used in Event Monitoring.

Example

This example code shows how to obtain current Apex code context by retrieving the request ID and Quiddity value of the current request.

```
//Get info about the current request
Request reqInfo = Request.getCurrent();

//Get the identifier for this request, which is universally unique
//Same as REQUEST_ID in event monitoring
String currentRequestId = reqInfo.getRequestId();

//Enum representing how Apex is running. e.g. BULK_API vs LIGHTNING
Quiddity currentType = reqInfo.getQuiddity();
//Use this with a switch statement,
//instead of checking System.isFuture() || System.isQueueable() || ...
```

- **Request Methods**

Request Methods

The following are methods for `Request`.

- **getCurrent()**
  Returns the current Request object that contains the request ID and Quiddity value.

- **getQuiddity()**
  Returns the Quiddity value of the current Request object.

- **getRequestId()**
  Returns the request ID of the current Request object.

getCurrent()

Return Value

Type: System.Request

getQuiddity()

Returns the Quiddity value of the current Request object.

Signature

```
public System.Quiddity getQuiddity()
```

Return Value

Type: System.Quiddity

Uses the values from the Quiddity enum. This value identifies the type of execution event associated with the current request.

getRequestId()

Returns the request ID of the current Request object.

Signature

```
public String getRequestId()
```

Return Value

Type: String

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