Activity Instance Expressions

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Overview

Use activity-instance expressions to retrieve data and metadata related to any activity-instance.

To use activity-instance expressions, as the prefix, enter the activity name in curly brackets {}, or, if you need the current activity instance context, use the *act* prefix. For example, *act.CreatedBy.FirstName*.

By default, the engine retrieves values for the last activity instance, last row, and so on, unless you define the expression differently.

The activity instance is represented by the *ActivityView* object, or any of its derived types, which you can reference in the expression as a scope variable, for example, *{activity name}*.

Activity-Instance Expression Example

If you want to retrieve the approvers that approved a task in all the task iterations, you would use the following expression.

```
{Mng Approval}.Query("ApprovalData").Count(field("Approver") = "Approve)
```

The *Query* in this expression is where you indicate the form's data model query, for example, a data table.
The same methodology works for multiple form rows or Web services.

Important information about activity instance expressions:

- The return activity instance view is always normalized.
- The scope variable *{activity name}* returns the last activity instance of the activity you specified.