

# Assign Values in One-Click Action Using an Imported Data Model

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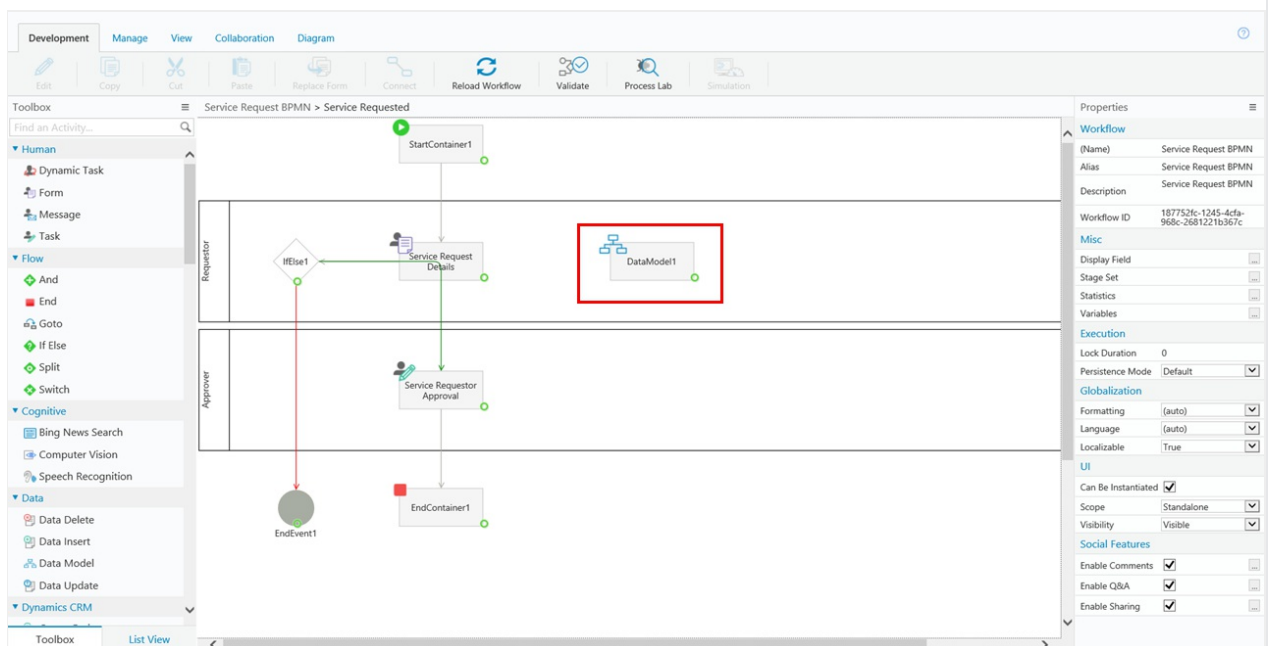
## Overview

The One-Click Action feature for tasks enables end users to complete a task by clicking a link in the task's notification email. You can configure several actions that appear as links in the One-Click Action email.

For each action, you can assign the task's form fields using an imported data model. When the end user clicks a link, the task's form fields automatically populate with these values, thereby completing the task.

In this example we will enable one-click action for a task from a service request workflow using a data model to assign the values.

## Add and Configure the Data Model Activity



For this example, we are using a UACT table for the data model.

## Data Model Settings

### Tables

UACT1 (UACT98f10334d7624d37b4d3d0cf459f3851)

### Lookup Tables

### Stored Procedures

### SqlQuery

### Services

### Files

Table

Lookup Table

SP Stored Procedure

Service

File

Advanced Options...

Back

Finish

Cancel

## Table Properties



Current Workflow

External Table

New

Service Request Details - DefaultView

Service Requestor Approval - DefaultView

Selected Table

UACT98f10334d7624d37b4d3d0cf459f3851

Name

UACT1

Key Name

fdlActId

Secondary Key Name

Connection String

Next

Cancel

Add and define the necessary fields.

Data Fields ?

**UACT1**

Name	Type		
▶ Approve	Text (String)	▼	✖
▶ Reject	Text (String)	▼	✖

[Add New Field](#)

Properties

**General**

(Name)	UACT1
Display Name	UACT1

[Switch to Advanced Mode](#)

Back Finish Cancel

## Add the Data Model to the Task

Open the task activity, and access the Data Model.

Service Requestor Approval - DefaultView

Design Views **Data** Development

Data Model Lookup Tables Data

Toolbox

Find a Control...

- Data
  - Form
  - Grid
  - Data Source
  - Form Part
- Responsive Layout
  - One Column Section
  - Two Column Section
  - Three Column Section
- Layout
  - One Column Table
  - Two Column Table
  - Three Column Table
- Editors
  - Text
  - Label
  - Text Box
  - Numeric Text Box
  - Masked Text Box
  - Date Input
  - Button
  - Submit Button

**SERVICE REQUEST APPROVAL**

Form description...

Name

Requestor Email

Date

Service Requested

High Priority

Approved

Properties

**View**

(Name)	DefaultView
Alias	DefaultView
Compatibility	Version 8
Id	39a03a31-aa77-487c-8cfe-35056d2fec7a
IsActive	<input checked="" type="checkbox"/>

Toolbox UI Generation Design Split Source

Click **Advanced Options**.

Define Data Model ?

Add, edit and remove the model's data sources.

**Tables**

[DefaultView \(UACT28f426dfa8f2422fb1b76a7900c10f83\)](#)

**Lookup Tables**

[Regions \(UTCMB17864e7419ab4b54b06a9acc8b480556\)](#)

**Stored Procedures**

**SqlQuery**

**Services**

**Files**

Add ▼

Edit..

✖ Remove

**Advanced Options...** OK Cancel

Click **Add New Import**.

## Data Model Options

Imports [OData Services](#)

Alias	Import
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[Add New Import](#)

OK

Cancel

Click the ellipsis button.

## Data Model Options

Imports [OData Services](#)

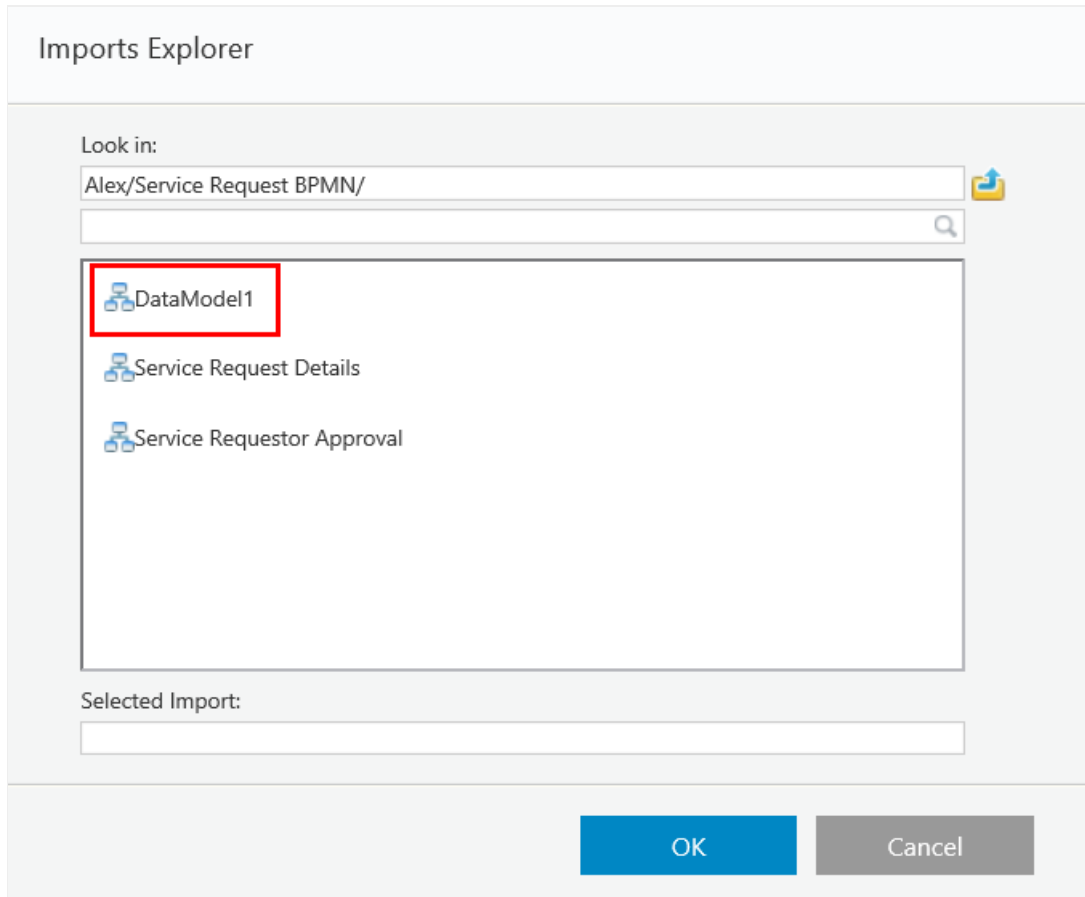
Alias	Import
<input type="text" value="ns0"/>	<input type="text"/> <span>...</span> <span>×</span>

[Add New Import](#)

OK

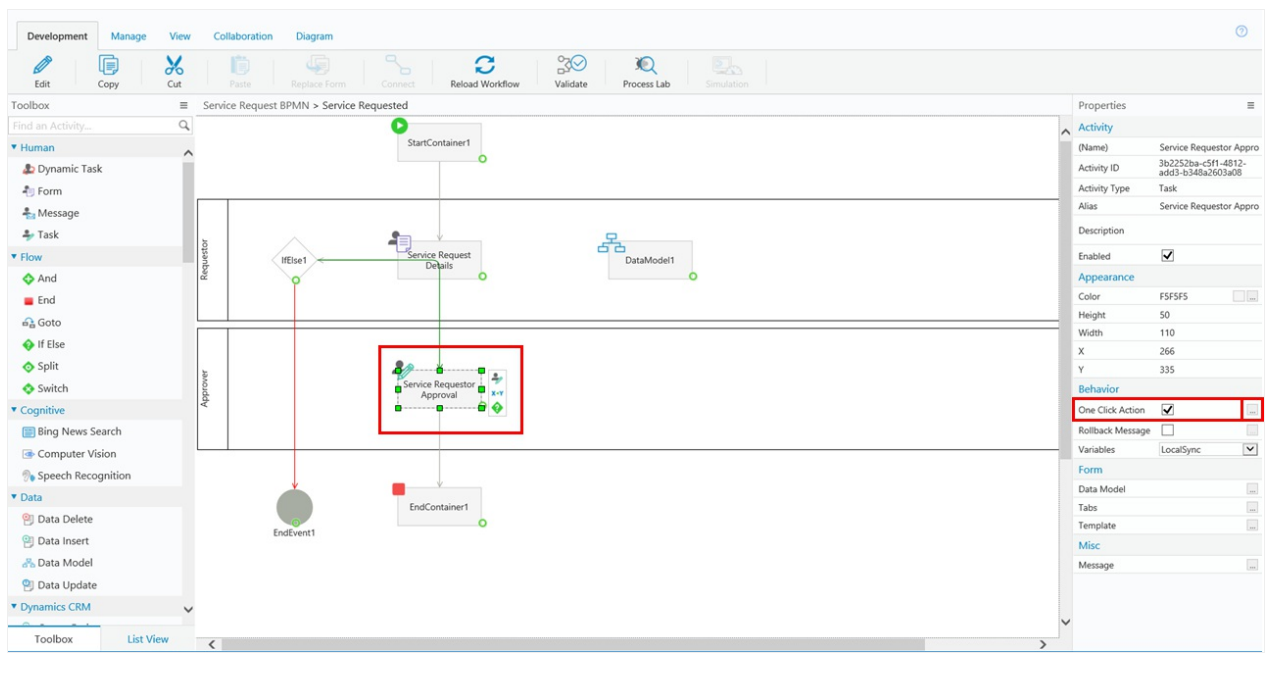
Cancel

Select the relevant data model.



## Configure One-Click Action for the Task

Click the task activity, and in the Properties panel, select the **One Click Action** check box, and click the ellipsis button.



Click **Add New Action**.

One-Click Action Definition Wizard

**Caution:** By enabling this feature, you might cause a security breach.

Link Expiration:  Days from the time the mail was sent.

Name	Alias	Description		
Senior Manager Approval	Senior Manager Approval	Enable the senior manager to approve with one cli	...	✕
One Click Approval	One Click Approval		...	✕

[+ Add New Action](#)

**Finish** **Cancel**

Type a meaningful name for the action, and click **Add Assignment**.

## Action Definition Wizard



### Action Name

 ✕

### Action Alias

### Description

[+ Add Assignment](#)

OK

Cancel

Click the ellipsis button.




## Action Definition Wizard



### Action Name

### Action Alias

### Description

To	Value
<input type="text"/>	<input type="text"/> ... 

[+ Add Assignment](#)

OK

Cancel

Assign a value from the imported data model.

## Value Expression



Use the panel below to build your expression (or type it manually) using fields and functions.

```
{DataModel1}.Query("UACT1")["Approve"]
```

+ - \* / ( ) AND OR NOT = > >= <> < <= NULL

### Fields

- <> (metadata)
- DataModel1
  - <> (metadata)
    - UACT1
      - fldId
      - fldIWfId
      - fldIActId
      - fldAIId
      - fldMasterIWfId
      - Approve
      - Reject
  - End
  - EndContainer1
  - EndEvent1
  - IfElse1

### Functions

- <> Convert
- <> Date & Time
- <> JSON
- <> Mathematic
- <> Mathematic Advanced
- <> String
- <> Users & Groups
- <> XPath

Clear

Validate

OK

Cancel

The *ref:ns0* indicates that the value is taken from the imported data model.

## Action Definition Wizard



### Action Name

### Action Alias

### Description

To	Value
ref:ns0:UACT1.Approve	{DataModel1}.Query("UACT1")["Approve"]
ref:ns0:UACT1.Reject	{DataModel1}.Query("UACT1")["Reject"]

[+ Add Assignment](#)

OK

Cancel

### Result

Users can now complete the task with one click directly from the task message.