# SharePoint 2013 workflow: Workflow OM in a SharePoint app

This documentation is preliminary and is subject to change.

Summary:  Provides a brief introduction to using the Microsoft SharePoint 2013 Preview object model to support advanced workflow development scenarios.

## Sample description

The new SharePoint 2013 Preview workflow object model supports advanced scenarios to harness the power of the new SharePoint workflow platform. This sample illustrates ways in which you can use the SharePoint object model to enable these advanced scenarios.

## Prerequisites

This sample requires the following;

SharePoint 2013 Preview

Windows Azure Workflow

Microsoft Visual Studio 2012, either the Ultimate or Professional version

SharePoint development tools in Visual Studio 2012

## Using the workflow object model

The new SharePoint 2013 Preview workflow object model supports advanced scenarios to harness the power of the new SharePoint workflow platform.

The object model allows you to deploy workflows, to manage workflow instances, and supports messaging to workflow instances.

The SharePoint 2013 Preview workflow object model is available in various forms. There is a SharePoint Server object model, which is a managed API, as well as client object model (or CSOM); there is a JavaScript object model (JSOM), and a SharePoint REST API.

A SharePoint-hosted app for SharePoint can use the SharePoint JSOM and SharePoint REST APIs to access the Workflow object model. A self-hosted and an auto-hosted SharePoint app can also use SharePoint CSOM in addition to SharePoint JSOM and SharePoint REST API to access workflow object model.

For more information about selecting the best APIs for your programming tasks, see [Choose the right API set in SharePoint 2013](http://technet.microsoft.com/library/f36645da-77c5-47f1-a2ca-13d4b62b320d.aspx).

The WorkflowOMTest code sample is an example of an interactive SharePoint-hosted app that is using SharePoint workflow JSOM to deploy workflow definitions to both an app web and to a "parent web" (that is, a SharePoint web hosting the app).

You can locate the sample code here: LINK.

## Change log

| Version | Date |
| --- | --- |
| First release. | July 16, 2012 |

## Related content

[SharePoint 2013 workflow samples](http://msdn.microsoft.com/en-us/library/ffaccd6b-426d-4ca0-b62f-bc7b14641a49)