# Office AMS: Search IMPORT/EXPORT

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| Summary: | Applies to: |
| This sample demonstrates how the usage of the Search API in apps and personalizing search results. | * Office 365 Multi-Tenant (MT) * Office 365 Dedicated (D) * SharePoint 2013 on-premises |
| Solution: | Seach.PersonalizedResults, version 1.0 |
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| //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  // THIS CODE IS PROVIDED \*AS IS\* WITHOUT WARRANTY OF  // ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING ANY  // IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR  // PURPOSE, MERCHANTABILITY, OR NON-INFRINGEMENT.  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* | |

## Version log

Change log between different releases.

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| Version | Notes |
| 1.0 | Initial   * Simple search * Personalized search results |

# General comments

This demonstrates a simple search example using the API, as well as a personalized search results example.

The simple search example allows the user to provide a search filter to be used for a tenant-wide search and is looking for sites that apply to the user-supplied filter.

Example code:

var spContext = SharePointContextProvider.Current.GetSharePointContext(Context);

using (var clientContext = spContext.CreateUserClientContextForSPHost())

{

// Since in this case we want only site collections, filter based on result type

string query = searchtext.Text + " contentclass:\"STS\_Site\"";

ClientResult<ResultTableCollection> results = ProcessQuery(clientContext, query);

lblStatus1.Text = FormatResults(results);

}

The **ProcessQuery** method builds a **KeywordQuery** object which is used by the **SearchExecutor** class and results are returned to the **ClientResult** object as shown below:

SearchExecutor searchExec = new SearchExecutor(ctx);

ClientResult<ResultTableCollection> results = searchExec.ExecuteQuery(keywordQuery);

ctx.ExecuteQuery();

The personalized search results example loads your user profile properties and checks for “Apptest” in the AboutMe profile property. If it is found, a list of site templates of any type is returned in the search results. If it is not found, only STS web templates are returned in the search results:

private string ResolveAdditionalFilter(string aboutMeValue)

{

if (!aboutMeValue.Contains("AppTest"))

{

return "WebTemplate=STS";

}

return "";

}

# Dependencies

•Microsoft.SharePoint.Client.dll

•Microsoft.SharePoint.Client.Runtime.dll

•Microsoft.SharePoint.Client.Search.dll

•Microsoft.SharePoint.Client.UserProfiles.dll