SharePoint 2013 Dev with CSOM and REST – Working with Users

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Outline

- **Checking user permissions**
- **User profiles**

User Permissions

- **BasePermissions**
- **EffectiveBasePermissions property**
- **DoesUserHavePermissions method**

CSOM:

```
var list = web.get_lists().getByTitle(
    "Project Documents");
context.load(list,
    "EffectiveBasePermissions");

var mask = new SP.BasePermissions();
mask.set(SP.PermissionKind.manageLists);
var manageLists =
    web.doesUserHavePermissions(mask);
```

REST:

```
var call = jQuery.ajax({
    url: _spPageContextInfo.webAbsoluteUrl +
        "/_api/Web/effectiveBasePermissions",
    type: "GET",
    dataType: "json",
    headers: {
        Accept: "application/json;odata=verbose"
    }
});
call.done(function (data, textStatus, jqXHR) {
    var manageListsPerms = new SP.BasePermissions();
    manageListsPerms.initPropertiesFromJson(
        data.d.EffectiveBasePermissions);
});
```

User Profiles

- **Client Object Model**
  - Microsoft.SharePoint.Client.UserProfiles.dll or SP.UserProfiles.js
  - PeopleManager
- **REST API**
  - GET
  - /_api/SP.UserProfiles.PeopleManager/<method>

CSOM:

```
var manager = new
    SP.UserProfiles.PeopleManager(context);
var profile = manager.getMyProperties();
```

REST:

```
var call = jQuery.ajax({
    url: _spPageContextInfo.webAbsoluteUrl +
        "/_api/SP.UserProfiles.PeopleManager/GetMyProperties" +
        "?$select=DisplayName,UserProfileProperties",
    type: "GET",
    dataType: "json",
    headers: {
        Accept: "application/json;odata=verbose"
    }
});
```

Summary

- **Checking user permissions**
- **User profiles**