

How to Sync Work Item Fields Obtained through a REST API Call in Azure DevOps

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Exalate for Azure DevOps can sync the most common work item fields. You can check them in [Azure DevOps: fields and entities available for synchronization](#).

In Azure DevOps, it is also possible to get a full list of fields through a REST API call. This article shows how to view and sync such fields.

For more information about the REST API call, see [Microsoft documentation](#).

How to Send a REST API Call in Azure DevOps?

To send a REST API call:

1. Log in to your Azure DevOps instance.
2. Enter the following REST API call in your browser:

```
https://dev.azure.com/{organization}/{project}/_apis/wit/fields?$expand={expand}&api-version=6.0
```

Call parameters

Parameter	Description
<code>{organization}</code>	Organization name
<code>{project}</code>	Project name
<code>{expand}</code>	Additional fields you want to view. You can use these parameters: <ul style="list-style-type: none">◦ <code>extensionFields</code> to view extension fields.◦ <code>includeDeleted</code> to view deleted fields.◦ <code>none</code> to view default fields.

As a result of the call, you see information about all fields. This example shows the response for the `Application Launch Instructions` field:

```

{
  "name": "Application Launch Instructions",
  "referenceName": "Microsoft.VSTS.Feedback.ApplicationLaunchInstructions",
  "description": "Instructions to launch the specified application",
  "type": "html",
  "usage": "workItem",
  "readOnly": false,
  "canSortBy": false,
  "isQueryable": true,
  "supportedOperations": [
    {
      "referenceName": "SupportedOperations.ContainsWords",
      "name": "Contains Words"
    },
    {
      "referenceName": "SupportedOperations.NotContainsWords",
      "name": "Does Not Contain Words"
    }
  ],
  "isIdentity": false,
  "isPicklist": false,
  "isPicklistSuggested": false,
}

```

How to Sync Obtained Fields?

This script example shows how to sync the `Application Launch Instructions` field with the reference name `Microsoft.VSTS.Feedback.ApplicationLaunchInstructions`.

Outgoing Sync

```
replica.customKeys."Instructions" = workitem."Microsoft.VSTS.Feedback.ApplicationLaunchInstructions"
```

Incoming Sync

```
workitem."Microsoft.VSTS.Feedback.ApplicationLaunchInstructions" = "Press the red button"
```

This script example shows how to sync `Microsoft.VSTS.CodeReview.AcceptedBy` to a select list field.

Outgoing Sync

```
replica.customKeys."Select list custom field name" = workitem."Microsoft.VSTS.CodeReview.AcceptedBy"
```

Incoming Sync

```
workitem."Microsoft.VSTS.CodeReview.AcceptedBy" = "User example"
```

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