


API Flows Package Post v4

 This is the latest version of the APIs.

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Performs an import of a flow package, which also applies any specified import rules.

- Before you import, you can perform a dry-run to check for errors. See *API Flows Package Post DryRun v4*.

Version: v4

Required Permissions

 **NOTE:** Each request to the Trifacta® platform must include authentication credentials. See *API Authentication*.

Request

Request Type: POST

Endpoint:

```
/v4/flows/package/
```

Request URI - Example:

```
/v4/flows/package
```

Request Body:

The request body must include the following key and value combination submitted as form data. This path is the location of the ZIP package that you are importing.

| key | value |
|------|-----------------|
| data | "@path-to-file" |

Example request - curl:

```
curl -X POST http://example.com:3005/v4/flows/package \  
-H 'authorization: Basic YWRtaW5AdHJpZmFjdGEubG9jYWw6YWRtaW4=' \  
-H 'cache-control: no-cache' \  
-H 'content-type: multipart/form-data' \  
-F data=@path/to/flow.zip
```

Response

Response Status Code - Success: 201 - Created

Response Body Example:

```
{  
  "importRuleChanges":{  
    "object":[],  
    "value":[]  
  },  
  "primaryFlowIds":[  
    6  
  ],  
  "flows":[  
    {  
      "id":6,  
      "name":"[b19d9a70] 2013 POS",  
      "description":null,  
      "deleted_at":null,  
      "cpProject":null,  
      "workspaceId":1,  
      "createdAt":"2018-04-24T16:11:59.343Z",  
      "updatedAt":"2018-04-24T18:26:47.522Z",  
      "createdBy":1,  
      "updatedBy":1  
    }  
  ],  
  "datasources":[  
    {  
      "id":10,  
      "size":"13757",  
      "path":"/uploads/1/0b6a7d7a-be8d-46c9-92cd-202f39fa5b1b/REF_PROD.txt",  
      "dynamicPath":null,  
      "type":"hdfs",  
      "cpProject":null,  
      "workspaceId":1,  
      "bucket":null,  
      "connectionId":null,  
      "deleted_at":null,  
      "blobHost":null,  
      "container":null,  
      "isSchematized":true,  
      "isDynamic":false,  
      "disableTypeInference":false,  
      "createdAt":"2018-04-24T16:11:59.568Z",  
      "updatedAt":"2018-04-24T18:26:47.592Z",  
      "createdBy":1,  
      "updatedBy":1,  
      "parsingScriptId":15  
    },  
    {  
      "id":11,  
      "size":"128761",  
      "path":"/uploads/1/0b6a7d7a-be8d-46c9-92cd-202f39fa5b1b/POS-r03.txt",  
      "dynamicPath":null,  
      "type":"hdfs",  
      "cpProject":null,  
      "workspaceId":1,  
      "bucket":null,  
    }  
  ]  
}
```

```

"connectionId":null,
"deleted_at":null,
"blobHost":null,
"container":null,
"isSchematized":true,
"isDynamic":false,
"disableTypeInference":false,
"createdAt":"2018-04-24T16:12:00.812Z",
"updatedAt":"2018-04-24T18:26:47.597Z",
"createdBy":1,
"updatedBy":1,
"parsingScriptId":16
},
{
  "id":12,
  "size":"56976",
  "path":"/uploads/1/0b6a7d7a-be8d-46c9-92cd-202f39fa5b1b/REF_CAL.txt",
  "dynamicPath":null,
  "type":"hdfs",
  "cpProject":null,
  "workspaceId":1,
  "bucket":null,
  "connectionId":null,
  "deleted_at":null,
  "blobHost":null,
  "container":null,
  "isSchematized":true,
  "isDynamic":false,
  "disableTypeInference":false,
  "createdAt":"2018-04-24T16:12:01.431Z",
  "updatedAt":"2018-04-24T18:26:47.600Z",
  "createdBy":1,
  "updatedBy":1,
  "parsingScriptId":17
},
{
  "id":13,
  "size":"281032",
  "path":"/uploads/1/0b6a7d7a-be8d-46c9-92cd-202f39fa5b1b/POS-r02.txt",
  "dynamicPath":null,
  "type":"hdfs",
  "cpProject":null,
  "workspaceId":1,
  "bucket":null,
  "connectionId":null,
  "deleted_at":null,
  "blobHost":null,
  "container":null,
  "isSchematized":true,
  "isDynamic":false,
  "disableTypeInference":false,
  "createdAt":"2018-04-24T16:12:01.848Z",
  "updatedAt":"2018-04-24T18:26:47.603Z",
  "createdBy":1,
  "updatedBy":1,
  "parsingScriptId":18
},
{
  "id":14,
  "size":"1799008",
  "path":"/uploads/1/0b6a7d7a-be8d-46c9-92cd-202f39fa5b1b/POS-schema.csv",
  "dynamicPath":null,
  "type":"hdfs",
  "cpProject":null,
  "workspaceId":1,
  "bucket":null,
  "connectionId":null,
  "deleted_at":null,
  "blobHost":null,
  "container":null,
  "isSchematized":true,

```

```

        "isDynamic":false,
        "disableTypeInference":false,
        "createdAt":"2018-04-24T16:12:03.402Z",
        "updatedAt":"2018-04-24T18:26:47.607Z",
        "createdBy":1,
        "updatedBy":1,
        "parsingScriptId":19
    }
],
"flownodes":[
    {
        "id":16,
        "scriptId":15,
        "flowId":6,
        "flowNodeId":null,
        "deleted_at":null,
        "wrangled":false,
        "referenceId":null,
        "createdAt":"2018-04-24T16:11:59.930Z",
        "updatedAt":"2018-04-24T18:26:47.803Z",
        "createdBy":1,
        "updatedBy":1,
        "activesampleId":null
    },
    {
        "id":17,
        "scriptId":16,
        "flowId":6,
        "flowNodeId":null,
        "deleted_at":null,
        "wrangled":false,
        "referenceId":null,
        "createdAt":"2018-04-24T16:12:01.048Z",
        "updatedAt":"2018-04-24T18:26:47.821Z",
        "createdBy":1,
        "updatedBy":1,
        "activesampleId":null
    },
    {
        "id":18,
        "scriptId":17,
        "flowId":6,
        "flowNodeId":null,
        "deleted_at":null,
        "wrangled":false,
        "referenceId":null,
        "createdAt":"2018-04-24T16:12:01.652Z",
        "updatedAt":"2018-04-24T18:26:47.834Z",
        "createdBy":1,
        "updatedBy":1,
        "activesampleId":null
    },
    {
        "id":19,
        "scriptId":18,
        "flowId":6,
        "flowNodeId":null,
        "deleted_at":null,
        "wrangled":false,
        "referenceId":null,
        "createdAt":"2018-04-24T16:12:02.073Z",
        "updatedAt":"2018-04-24T18:26:47.848Z",
        "createdBy":1,
        "updatedBy":1,
        "activesampleId":null
    },
    {
        "id":20,
        "scriptId":19,
        "flowId":6,
        "flowNodeId":null,

```

```

      "deleted_at":null,
      "wrangled":false,
      "referenceId":null,
      "createdAt":"2018-04-24T16:12:03.664Z",
      "updatedAt":"2018-04-24T18:26:47.861Z",
      "createdBy":1,
      "updatedBy":1,
      "activesampleId":null
    },
    {
      "id":21,
      "scriptId":20,
      "flowId":6,
      "flowNodeId":null,
      "deleted_at":null,
      "wrangled":true,
      "referenceId":2,
      "createdAt":"2018-04-24T16:12:14.018Z",
      "updatedAt":"2018-04-24T18:26:47.876Z",
      "createdBy":1,
      "updatedBy":1,
      "activesampleId":null
    },
    {
      "id":22,
      "scriptId":21,
      "flowId":6,
      "flowNodeId":null,
      "deleted_at":null,
      "wrangled":true,
      "referenceId":null,
      "createdAt":"2018-04-24T17:15:36.199Z",
      "updatedAt":"2018-04-24T18:26:47.886Z",
      "createdBy":1,
      "updatedBy":1,
      "activesampleId":null
    }
  ],
  "outputobjects":[
    {
      "id":5,
      "execution":"photon",
      "profiler":true,
      "flowNodeId":21,
      "isAdhoc":true,
      "createdAt":"2018-04-24T16:14:17.153Z",
      "updatedAt":"2018-04-24T18:26:47.896Z",
      "createdBy":1,
      "updatedBy":1
    }
  ]
}

```

Reference

| Node | Description |
|---------------|--|
| flows | Internal identifier of the flow and related data |
| datasources | Sources of data for the flow. |
| flowNodes | Objects (imported datasets, recipes, and reference objects) within the flow definition |
| outputobjects | Output objects related to the Run Job settings for the flow. See <i>Run Job Page</i> . |