


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 Designer Cloud powered by Trifacta® platform must include authentication credentials. See <https://api.trifacta.com/ee/6.0/index.html#section/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> .