

# Create Partner Code Group (Reward Item Group) Flow

## Overview of steps

1. Step1 - Upload file
2. Step2 - Create Reward Item Group
3. Step3 - Publish REWARD\_ITEM\_GROUP\_CREATED.v1 and consume it
4. Step4 - Publish REWARD\_ITEM\_GROUP\_DEPLOYED.v1 and consume it

### Step1 - Upload file

<b>Repo</b>	<a href="#">dtcloyalty-admin-rewardsadmin-filemanager</a>
<b>API Endpoint</b>	<a href="http://localhost:8080/files/upload">http://localhost:8080/files/upload</a>
<b>Example Parameters</b>	program_id=018a2bd5-fdc2-77ce-9367-7d700186d5ae partner_id=8834025b-b51d-4669-9973-200f07a9ed54
<b>Body</b>	<b>Key</b> = file <b>Type</b> = File <b>Value</b> = File to be uploaded

### Sample file



```
EFVT9R01D2YTYOT
8WWEPA PCGH7W3K0
D0GXAMYRL4NAVPH
YBVAFZPE6JVTAZ1
W5NAEEURZL1FJSW
S2KWRJ2T0ILDLQS
0YX0V3IBQP5X8DJ
K02LU6WBR5YQJK5
23KJZDEFE87UN4Z
87TJTG8SYYSM2WA
|
```

# Request

My Workspace

NewImport

POST http://localhost:8080/files/upload...

POST http://localhost:8080/files/upload...

December 27

POST {{baseUrl}}/reward-item-groups

POST {{baseUrl}}/reward-item-groups

POST {{baseUrl}}/reward-item-groups

POST {{baseUrl}}/reward-item-groups

POST {{baseUrl}}/reward-item-groups

POST http://localhost:8080/files/upload...

POST http://localhost:8080/files/upload...

POST http://localhost:8080/files/upload...

POST http://localhost:8080/files/upload...

POST http://localhost:8080/files

December 25

POST http://localhost:8080/api/users

POST http://localhost:8080/api/users

POST http://localhost:8080/api/users

POST http://localhost:8080/api/users

POST http://localhost:8080/api/users

POST http://localhost:8080/api/users

December 16

POST

http://localhost:8080/files/upload?program\_id=018a2bd5-fdc2-77ce-9367-7d700186d5ae&partner\_id=...

Send

Params

Authorization

Headers (9)

Body

Scripts

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

Key	Value	Description
file	10_Codes069.txt	

Body

Cookies

Headers (8)

Test Results

Pretty

Raw

Preview

Visualize

JSON

```
1 [
2   {
3     "id": "0947507f-2055-4894-adf6-94713a59d7ca",
4     "name": "10_Codes069.txt",
5     "size": 170,
6     "type": "text/plain",
7     "program_id": "018a2bd5-fdc2-77ce-9367-7d700186d5ae",
8     "partner_id": "8834025b-b51d-4669-9973-200f07a9ed54",
9     "metadata": {
10      "description": "SAVED FILE 8834025b-b51d-4669-9973-200f07a9ed54/10_Codes069.txt",
11      "container_name": "kaz",
12      "tags": [
13        "UploadDate=2024-12-29",
14        "ProgramId=018a2bd5-fdc2-77ce-9367-7d700186d5ae",
15        "PartnerId=8834025b-b51d-4669-9973-200f07a9ed54",
16        "FileName=8834025b-b51d-4669-9973-200f07a9ed54/10_Codes069.txt"
17      ],
18      "uploaded_by": "SYSTEM",
19      "uploaded_at": "2024-12-29 10:38:17"
```

## API Response

```
[
  {
    "id": "0947507f-2055-4894-adf6-94713a59d7ca",
    "name": "10_Codes069.txt",
    "size": 170,
    "type": "text/plain",
    "program_id": "018a2bd5-fdc2-77ce-9367-7d700186d5ae",
    "partner_id": "8834025b-b51d-4669-9973-200f07a9ed54",
    "metadata": {
      "description": "SAVED FILE 8834025b-b51d-4669-9973-200f07a9ed54/10_Codes069.txt",
      "container_name": "kaz",
      "tags": [
        "UploadDate=2024-12-29",
        "ProgramId=018a2bd5-fdc2-77ce-9367-7d700186d5ae",
        "PartnerId=8834025b-b51d-4669-9973-200f07a9ed54",
        "FileName=8834025b-b51d-4669-9973-200f07a9ed54/10_Codes069.txt"
      ],
      "uploaded_by": "SYSTEM",
      "uploaded_at": "2024-12-29 10:38:17"
    }
  }
]
```

## Step2 - Create Reward Item Group

Repo	<a href="#">dtcloyalty-admin-rewardsadmin-rewardsmanager</a>
API Endpoint	<a href="http://localhost:8080/reward-item-groups">http://localhost:8080/reward-item-groups</a>

### Sample Request Body

```
{
  "name": "KZrewarditemgroup145",
  "description": "KZrewarditemgroup145",
  "program_id": "018a2bd5-fdc2-77ce-9367-7d700186d5ae",
  "partner_id": "8834025b-b51d-4669-9973-200f07a9ed54",
  "code_warning_limit_percentage": 80,
  "reward_item_file_data": [
    {
      "id": "5de33ce2-1919-445e-afda-78c28ecbcab8",
      "name": "10_Codes069.txt",
      "size": 170,
      "type": "text/plain",
      "program_id": "018a2bd5-fdc2-77ce-9367-7d700186d5ae",
      "partner_id": "8834025b-b51d-4669-9973-200f07a9ed54",
      "metadata": {
        "description": "SAVED FILE 8834025b-b51d-4669-9973-200f07a9ed54/10_Codes06.txt",
        "container_name": "kaz",
        "tags": [
          "UploadDate=2024-12-27",
          "FileName=8834025b-b51d-4669-9973-200f07a9ed54/10_Codes06.txt",
          "ProgramId=018a2bd5-fdc2-77ce-9367-7d700186d5ae",
          "PartnerId=8834025b-b51d-4669-9973-200f07a9ed54"
        ]
      },
      "uploaded_by": "SYSTEM",
      "uploaded_at": "2024-12-27 23:15:33"
    }
  ],
  "is_active": true,
  "start_date": "2024-10-28T08:03:18",
  "end_date": "2025-07-12T08:03:18"
}
```

## API Response

```
{
  "reward_item_file_data": [
    {
      "name": "10_Codes069.txt",
      "size": 170,
      "reward_item_group_id": "d475ae59-66a4-489e-82dc-7efc1b3dc877",
      "metadata_id": "2fd2ce3a-d0f4-4140-812b-eff226b29b3b",
      "metadata": {
        "tags": [
          "UploadDate=2024-12-27",
          "FileName=8834025b-b51d-4669-9973-200f07a9ed54/10_Codes06.txt",
          "ProgramId=018a2bd5-fdc2-77ce-9367-7d700186d5ae",
          "PartnerId=8834025b-b51d-4669-9973-200f07a9ed54"
        ],
        "container_name": "kaz",
        "uploaded_by": "SYSTEM",
        "uploaded_at": "2024-12-27 23:15:33",
        "description": "SAVED FILE 8834025b-b51d-4669-9973-200f07a9ed54/10_Codes06.txt",
        "id": "2fd2ce3a-d0f4-4140-812b-eff226b29b3b"
      },
      "id": "b75c4af3-8e77-4f0d-bbfa-cd14f55e9c81"
    }
  ],
  "name": "KZrewarditemgroup145",
  "description": "KZrewarditemgroup145",
  "partner_id": "8834025b-b51d-4669-9973-200f07a9ed54",
  "program_id": "018a2bd5-fdc2-77ce-9367-7d700186d5ae",
  "code_warning_limit_percentage": 80,
  "is_active": true,
  "exhausted_code": 0,
  "code_count": 0,
  "is_imported": false,
  "start_date": "2024-10-28T08:03:18",
  "end_date": "2025-07-12T08:03:18",
  "id": "d475ae59-66a4-489e-82dc-7efc1b3dc877",
  "status": "INACTIVE",
  "processing_status": "IMPORTING"
}
```

My Workspace

NewImport

Collections

in:vironments

History

Today

POST {{baseUri}}/reward-item-groups

POST http://localhost:8080/files/upload...

POST http://localhost:8080/files/upload...

December 27

POST {{baseUri}}/reward-item-groups

POST {{baseUri}}/reward-item-groups

POST {{baseUri}}/reward-item-groups

POST {{baseUri}}/reward-item-groups

POST {{baseUri}}/reward-item-groups

POST http://localhost:8080/files/upload

POST http://localhost:8080/files/upload...

POST http://localhost:8080/files/upload...

POST http://localhost:8080/files/upload

POST http://localhost:8080/files

December 25

POST http://localhost:8080/api/users

POST http://localhost:8080/api/users

POST http://localhost:8080/api/users

POST http://localhost:8080/api/users

POST http://localhost:8080/api/users

POST http://localhost:8080/api/users

HTTP {{baseUri}}/reward-item-groups

SaveShare

POST {{baseUri}}/reward-item-groups

Send

ParamsAuthorizationHeaders (11)BodyScriptsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

```
1  {
2    "name": "KZrewarditemgroup145",
3    "description": "KZrewarditemgroup145",
4    "program_id": "018a2bd5-fdc2-77ce-9367-7d700186d5ae",
5    "partner_id": "8834025b-b51d-4669-9973-200f07a9ed54",
6  }
```

BodyCookiesHeaders (11)Test Results201 Created8.62 s1.59 KB

PrettyRawPreviewVisualizeJSON

```
22  }
23  ],
24  "name": "KZrewarditemgroup145",
25  "description": "KZrewarditemgroup145",
26  "partner_id": "8834025b-b51d-4669-9973-200f07a9ed54",
27  "program_id": "018a2bd5-fdc2-77ce-9367-7d700186d5ae",
28  "code_warning_limit_percentage": 80,
29  "is_active": true,
30  "exhausted_code": 0,
31  "code_count": 0,
32  "is_imported": false,
33  "start_date": "2024-10-28T08:03:18",
34  "end_date": "2025-07-12T08:03:18",
35  "id": "d475ae59-66a4-489e-82dc-7efc1b3dc877",
36  "status": "INACTIVE",
37  "processing_status": "IMPORTING"
38 }
```

**Step3 - Publish REWARD\_ITEM\_GROUP\_CREATED.v1 and consume it**  
**Run below repo locally to consume an event**

<b>Repo</b>	<a href="#">dtcloyalty-runtime-consumerrewards-deployment-service</a>
<b>Raise event</b>	Login to <a href="#">ServiceBus</a>
<b>Event type</b>	com.pepsico.dtcloyalty.configurationnadmin.REWARD_ITEM_GROUP_CREATED.v1
<b>Message body type</b>	application/json
<b>Session Id</b>	1234
<b>Send message</b>	Sample payload given below

## Sample Payload

```
{
  "specversion": "1.0",
  "id": "ao1026e003a-a103ca-a33da-b1130b-0d8a27ba35a106",
  "source": "com.pepsico.dtcloyalty.adminrewarditemgroup",
  "type": "com.pepsico.dtcloyalty.configurationnadmin.REWARD_ITEM_GROUP_CREATED.v1",
  "datacontenttype": "application/json",
  "dataschema": "",
  "time": "2024-11-30T11:24:59.7377393Z",
  "messagepublishingscope": "DOMAIN_EXTERNAL",
  "data": {
    "reward_item_file_data": [
      {
        "name": "10_Codes069.txt",
        "size": 170,
        "type": "text/plain",
        "metadata_id": "bd918371-9665-4194-88c7-ee42d09929f9",
        "reward_item_group_id": "6080bcf1-f4fb-429e-9234-0e8a9090549b",
        "metadata": {
          "tags": [
            "UploadDate=2024-12-27",
            "FileName=8834025b-b51d-4669-9973-200f07a9ed54/10_Codes06.txt",
            "ProgramId=018a2bd5-fdc2-77ce-9367-7d700186d5ae",
            "PartnerId=8834025b-b51d-4669-9973-200f07a9ed54"
          ],
          "container_name": "kaz",
          "uploaded_by": "SYSTEM",
          "uploaded_at": "2024-12-27 23:15:33",
          "description": "SAVED FILE 8834025b-b51d-4669-9973-200f07a9ed54/10_Codes06.txt",
          "id": "bd918371-9665-4194-88c7-ee42d09929f9"
        },
        "id": "f39a4f5f-ace7-4bcc-a691-a03708d67d3f"
      }
    ],
    "name": "KZrewarditemgroup141",
    "description": "KZrewarditemgroup141",
    "partner_id": "8834025b-b51d-4669-9973-200f07a9ed54",
    "program_id": "018a2bd5-fdc2-77ce-9367-7d700186d5ae",
    "code_warning_limit_percentage": 80,
    "is_active": true,
    "exhausted_code": 0,
    "code_count": 0,
  }
}
```



```
"is_imported": false,  
"start_date": "2024-10-28T08:03:18",  
"end_date": "2025-07-12T08:03:18",  
"id": "6080bcf1-f4fb-429e-9234-0e8a9090549b",  
"status": "INACTIVE",  
"processing_status": "IMPORTING"  
}  
}
```

Now submitting this event message should be consumed by our local running deployment service

**Step4 - Publish REWARD\_ITEM\_GROUP\_DEPLOYED.v1 and consume it**  
**Run below repo locally to consume an event**

<b>Repo</b>	<a href="#">dtcloyalty-admin-rewardsadmin-rewarditemprocessor</a>
<b>Raise event</b>	Login to <a href="#">ServiceBus</a>
<b>Event type</b>	com.pepsico.dtcloyalty.consumerrewards.REWARD_ITEM_GROUP_DEPLOYED.v1
<b>Message body type</b>	application/json
<b>Session Id</b>	1234
<b>Send message</b>	Sample payload given below

## Sample Payload

```
{
  "specversion": "1.0",
  "id": "ao1026e003a-a103ca-a33da-b1130b-0d8a27ba35a106",
  "source": "com.pepsico.dtcloyalty.adminrewarditemgroup",
  "type": "com.pepsico.dtcloyalty.consumerrewards.REWARD_ITEM_GROUP_DEPLOYED.v1",
  "datacontenttype": "application/json",
  "dataschema": "",
  "time": "2024-11-30T11:24:59.7377393Z",
  "messagepublishingscope": "DOMAIN_EXTERNAL",
  "data": {
    "reward_item_file_data": [
      {
        "name": "10_Codes06.txt",
        "size": 170,
        "type": "text/plain",
        "meta_data_id": "bd918371-9665-4194-88c7-ee42d09929f9",
        "reward_item_group_id": "6080bcf1-f4fb-429e-9234-0e8a9090549b",
        "metadata": {
          "tags": [
            "UploadDate=2024-12-27",
            "FileName=8834025b-b51d-4669-9973-200f07a9ed54/10_Codes06.txt",
            "ProgramId=018a2bd5-fdc2-77ce-9367-7d700186d5ae",
            "PartnerId=8834025b-b51d-4669-9973-200f07a9ed54"
          ],
          "container_name": "kaz",
          "uploaded_by": "SYSTEM",
          "uploaded_at": "2024-12-27 23:15:33",
          "description": "SAVED FILE 8834025b-b51d-4669-9973-200f07a9ed54/10_Codes06.txt",
          "id": "bd918371-9665-4194-88c7-ee42d09929f9"
        },
        "id": "f39a4f5f-ace7-4bcc-a691-a03708d67d3f"
      }
    ],
    "name": "KZrewarditemgroup141",
    "description": "KZrewarditemgroup141",
    "partner_id": "8834025b-b51d-4669-9973-200f07a9ed54",
    "program_id": "018a2bd5-fdc2-77ce-9367-7d700186d5ae",
    "code_warning_limit_percentage": 80,
    "is_active": true,
    "exhausted_code": 0,
    "code_count": 0,
  }
}
```

```
"is_imported": false,  
"start_date": "2024-10-28T08:03:18",  
"end_date": "2025-07-12T08:03:18",  
"id": "6080bcf1-f4fb-429e-9234-0e8a9090549b",  
"status": "INACTIVE",  
"processing_status": "IMPORTING"  
}  
}
```

Now submitting this event message should be consumed by our local running  
rewarditemprocessor service

### Key tables involved

Schema	Table
rewardsmanager	rewards_item_group
rewardsmanager	rewards_item_group_file_data
rewardsmanager	rewards_item_group_file_meta_data
RUNTIME_CONSUMER_REWARDS	rewards_item_group
RUNTIME_CONSUMER_REWARDS	rewards_item_group_file_data
RUNTIME_CONSUMER_REWARDS	rewards_item_group_file_meta_data

### Trouble shooting tips

#### 1. Error while downloading file in Step4

Download the certificate of the blob storage URL and install it locally.

Command Example

```
keytool -import
-trustcacerts
-keystore
"/Users/pavanu/Library/Java/JavaVirtualMachines/openjdk23/Contents/Home/lib
/security/cacerts"
-storepass changeit
-alias rewardadminfilemanagerCert
-file
"/Users/kavyasrutiputrevu/Downloads/_.global.gw01.aks01.gwc.nonprod.azure.intr
a.pepsico.com.pem"
```

#### 2. Event publishing fails

Ensure to provide a unique ID in the event payload.