

# Case Creation Fields in DX API V1 and V2

## Release

8.6.1+

## Description

In DX API V2 we added support for adding fields while creating a case. Remember that in v2, field level security checking is always done, so the fields passed up in the post body must be verified.

POST /cases is the API that should be used to create cases via Rest Service and this API is enhanced to support the same.

## What is supported

Creating a case supports the following:

1. Scalar properties
2. Embedded Page and its properties
3. Append Page List and its properties
4. Add Page Group and its properties
5. Adding Attachments

## Configuration (and best practices)

Application developers can configure the properties that are needed while creating a case in **AllowedStartingFields** data transform. This data transform should be configured with properties and at the end running this data transform should output page of desired class with the properties included (their values are ignored).

Steps to add case creation fields.

### Create Data transform with name 'AllowedStartingFields'

- a. This data transform should be created in specific class,
- b. Disable 'Call superclass data transform'

### Configuring Scalar properties

Let's add pyLabel, pyDescription

- a. Add a row and set Target to pyLabel and Source to "",
- b. Add a row and set Target to pyDescription and Source to ""

	Action	Target	Relation	Source	
• 1	Set	.pyDescription	equal to	""	Select values + ⚙️ 🗑️
• 2	Set	.pyLabel	equal to	""	Select values + ⚙️ 🗑️

## Configuring Page properties

Let's add ID and StartDate in Embedded Page named 'AccountDetails'

- Add a row and set Action to 'Update Page' with target as '. AccountDetails',
- Add a child row and set ID to "",
- Add a child row and set StartDate to ""

▼ • 3	Update Page	.AccountDetails'		
• 3.1	Set	.ID	equal to	""
• 3.2	Set	.StartDate	equal to	""

## Configuring Page List properties

Let's add Amount and ToAccount properties in 'Transactions' page list

- Add a new row and set action to 'Append and Map to' with target as '.Transactions',
- Add a child row and set Amount to "",
- Add a child row and set ToAccount to ""

▼ • 4	Append and Map to	.Transactions		a new page
• 4.1	Set	.Amount	equal to	""
• 4.2	Set	.ToAccount	equal to	""

## Configuring Page Group properties (not recommended)

Let's add Latitude and Longitude properties in 'LocationDetails' page group

- Add a new row and set action to 'Update Page' with target as '.LocationDetails(HOME)',
  - Home is example subscript for Page Group LocationDetails
- Add a child row and set Latitude to "",
- Add a child row and set Longitude to ""

▼ • 5	Update Page	.LocationDetails(HOME)			
• 5.1	Set	.Latitude	equal to	""	Select values +
• 5.2	Set	.Longitude	equal to	""	Select values +

## Configuring Attachment Property

Let's add Itinerary attachment property

- Add a new row and set action to 'Update Page' with target as '.Itinerary'
- Do not add any child row
- Either disable the default child row added or mark it as comment.

▼ • 6	Update Page	.Itinerary	▼		🗑️
• 6.1	Comment	// Do not set any thing			🗑️

**Notes:**

Do not add more than one entry to a page list or page group; they will be ignored.

## Sample Request Body

The request body leverages 'content' (for scalar properties), pageInstructions (for adding/ updating Page, Page List and Page Group) and 'attachments' for adding attachment property.

```

{
  "caseTypeID": "Org-Div-Work-Loan",
  "content": {
    "pyLabel": "Loan",
    "pyDescription": "Case To handle Loan"
  },
  "pageInstructions": [
    {
      "instruction": "UPDATE",
      "target": "AccountDetails'",
      "content": {
        "ID": "12345678",
        "StartDate": "02/02/2002"
      }
    },
    {
      "instruction": "APPEND",
      "target": "Transactions'",
      "content": {
        "Amount": "161088",
        "ToAccount": "87654321"
      }
    },
    {
      "instruction": "ADD",
      "target": "LocationDetails",
      "groupIndex": "HOME",
      "content": {
        "Latitude": "17.385044",
        "Longitude": "78.486671"
      }
    }
  ],
  "attachments": [
    {
      "ID": "009d005e-9ec9-4b21-871d-f177d63a313b",
      "attachmentFieldName": "Itinerary",
      "category": "Itinerary",
      "type": "File"
    }
  ]
}

```

(ID in attachments array is the output of /attachments/upload api)