

SaveADRDetailed (POST)

Overview

This API allows you to synchronize ADR (Accounting Derivation Rules) data mappings from ERP to SMART by GEP system. ADR is way to define defaulting logic for accounting entities. Currently it is being consumed by various C2P documents.

URL Format: <https://<Instance>/smartInterfaceAPI/api/ADR/SaveADRDetailed>

Request

```
[
  {
    "adrSetName": "string",
    "sources": [
      {
        "sourceType": "string",
        "fieldName": "string",
        "sourceValue": "string",
        "sourceLOB": "string"
      }
    ],
    "target": {
      "targetType": "string",
      "targetValue": "string",
      "targetLOB": "string"
    }
  }
]
```

Response

```

{
  "data": {},
  "statusCode": "string",
  "errorDetails": [
    {
      "key": "string",
      "errors": [
        {
          "errorCode": "string",
          "errorDescription": "string"
        }
      ]
    }
  ],
  "successDetails": [
    {
      "key": "string"
    }
  ]
}

```

Data Elements

ADRSet				
Property	Required?	Data type	Description	Validations / Exceptions
ADRSetName	Yes	String	ADR Set name	<ul style="list-style-type: none"> ADRSetName is mandatory.
Sources	Yes	List of Source	Check data type Sources for details	<ul style="list-style-type: none"> Source is mandatory.
Target	Yes	Target	Check data type Target for details	<ul style="list-style-type: none"> Target is mandatory.

Sources - Sources are of different type as mentioned below and we can combine different source type based on ADR Set up.				
Property	Required?	Data type	Description	Validations/Exceptions
SourceType	Yes	String	Source Type values <ul style="list-style-type: none"> • Supplier • Category • Org Entity • Tax Master • Item Master • Contacts • Text • Ship to location 	<ul style="list-style-type: none"> • Source Type is mandatory
FieldName	Yes, in case of 'org Entity'	String	If Source Type is Org Entity, then FieldName is required to specify the type of Organization Entity. Refer ADR set-up and Organization Structure to find Entity Type for expected values.	<ul style="list-style-type: none"> • Field Name is mandatory when SourceType is OrgEntity.
SourceValue	Yes	String	Specify value corresponding to Source Type. Ex: if SourceType is Category the SourceValue will hold Category Code.	<ul style="list-style-type: none"> • Source Value is mandatory
SourceLOB	Yes, in case of 'org Entity'	String	If Source Type is Org Entity, then SourceLOB is the LOB EntityCode.	<ul style="list-style-type: none"> • Source LOB is mandatory when SourceType is OrgEntity
Target - Target is an Organization Entity that will be derived from sources specified.				
Property	Required?	Data type	Description	Validations/Exceptions
TargetType	Yes	String	TargetType is required to specify the type of Organization Entity. Refer ADR set-up and Organization Structure to find what Entity Type is set-up against this ADR Set Name.	<ul style="list-style-type: none"> • Target Type is mandatory
TargetValue	Yes	String	Targetvalue is EntityCode of Organizations Entity which is mentioned in TargetType	<ul style="list-style-type: none"> • Target Value is mandatory
TargetLOB	Yes	String	TargetLOB is LOB EntityCode of that TargetValue.	<ul style="list-style-type: none"> • Target LOB is mandatory

Examples

Success Scenario - Request

```
[
  {
    "adrSetName": "Company-Plant-Cat-PurGrp-30-200",
    "sources": [
      {
        "sourceType": "Org Entity",
        "fieldName": "Plant",
        "sourceValue": "M253",
        "sourceLOB": "30-200"
      },
      {
        "sourceType": "Category",
        "fieldName": "",
        "sourceValue": "10000000",
        "sourceLOB": ""
      },
      {
        "sourceType": "Org Entity",
        "fieldName": "Company Code",
        "sourceValue": "0468",
        "sourceLOB": "30-200"
      }
    ],
    "target": {
      "targetType": "Purchasing Group",
      "targetValue": "S03/MY08/0004",
      "targetLOB": "30-200"
    }
  }
]
```

Success Scenario – Response

```
{
  "data": null,
  "statusCode": "200",
  "errorDetails": [],
  "successDetails": [
    {
      "key": "Company-Plant-Cat-PurGrp-30-200|Plant|M253,Category|10000000,Company Code|0468"
    }
  ]
}
```

Error Scenario – Request

```
[
  {
    "adrSetName": "Company-Plant-Cat-PurGrp-30-200",
    "sources": [
      {
        "sourceType": "Org Entity",
        "fieldName": "Plant",
        "sourceValue": "M253",
        "sourceLOB": "30-200"
      },
      {
        "sourceType": "Category",
        "fieldName": "",
        "sourceValue": "10000000",
        "sourceLOB": ""
      },
      {
        "sourceType": "Org Entity",
        "fieldName": "Company Code",

```

```
        "sourceValue": "0468",
        "sourceLOB": ""
    }
],
"target": {
    "targetType": "Purchasing Group",
    "targetValue": "SO3/MY08/0004",
    "targetLOB": "30-200"
}
}
]
```

Error Scenario – Response

```
{
    "data": null,
    "statusCode": "400",
    "errorDetails": [
        {
            "key": "Company-Plant-Cat-PurGrp-30-200|Plant|M253,Category|10000000,Company Code|0468",
            "errors": [
                {
                    "errorCode": "MandatoryException",
                    "errorDescription": "Source LOB is mandatory when SourceType is OrgEntity."
                }
            ]
        }
    ],
    "successDetails": []
}
```