– response –


```
{
  "status": "CREATED",
  "code": 0,
  "message": null,
  "developerMessage": null,
  "responseType":
"com.ibi.omni.controller.services.sourcesystem.MappingDto",
  "response": {
    "id": "4ca397e9-7c39-432f-abe7-c150f193e11b”,
    "name": "Acme Customer",
    "version": "1.0.0",
    "targetIdsId": "36de029d-5baa-4f4a-8252-8d1c5c8c2b78",
    "integrationPointId": "6cb6d742-3f23-4095-a9d1-deaeb88edeaf",
    "description": "SELECT CUSTID, FNAME, MNAME, LNAME FROM CUSTOMER;"
  },
  "exception": null
}
```


Update a Mapping

Use the following REST call to update a mapping. This REST call is available as of Version 3.11.

PUT: /api/v1/sourcesystem/integration/mapping/update

Parameters (body): Mapping Entity

Content type: application/json

Example:

PUT https://localhost:9500/api/v1/sourcesystem/integration/mapping/update

Content-Type: application/json


```
{
  "id": "4ca397e9-7c39-432f-abe7-c150f193e11b",
  "description": "SELECT CUSTID, FNAME, MNAME, LNAME FROM CUSTOMER;",
  "integrationPointId": "6cb6d742-3f23-4095-a9d1-deaeb88edeaf",
  "name": "Acme Customer Database",
  "targetIdsId": "36de029d-5baa-4f4a-8252-8d1c5c8c2b78",
  "version": "1.0.0"
}
```

– response –


```
{
  "status": "OK",
  "code": 0,
  "message": null,
  "developerMessage": null,
  "responseType":
"com.ibi.omni.controller.services.sourcesystem.MappingDto",
  "response": {
    "id": "ac167bd5-c58b-4159-9019-7f2d4d57fa22",
    "name": "Acme Customer Database",
    "version": "1.0.0",
    "targetIdsId": "36de029d-5baa-4f4a-8252-8d1c5c8c2b78",
    "integrationPointId": "6cb6d742-3f23-4095-a9d1-deaeb88edeaf",
    "description": "SELECT CUSTID, FNAME, MNAME, LNAME FROM CUSTOMER;"
  },
  "exception": null
}
```


List All Mappings for an Integration Point

Use the following REST call to list all mappings for an integration point. This REST call is available as of Version 3.11.

GET: /api/v1/sourcesystem/integration/{integrationPointId}/mapping

Parameters: Integration Point ID

Example:

GET https://localhost:9500/api/v1/sourcesystem/integration/6cb6d742-3f23-4095-a9d1-deaeb88edeaf/mapping

– response –


```
{
  "status": "OK",
  "code": 0,
  "message": null,
  "developerMessage": null,
  "responseType": "java.util.ArrayList",
  "response": [
    {
      "id": "4ca397e9-7c39-432f-abe7-c150f193e11b",
      "name": "Acme Customer",
      "version": "1.0.0",
      "targetIdsId": "36de029d-5baa-4f4a-8252-8d1c5c8c2b78",
      "integrationPointId": "6cb6d742-3f23-4095-a9d1-deaeb88edeaf",
      "description": "SELECT CUSTID, FNAME, MNAME, LNAME FROM CUSTOMER;"
    }
  ],
  "exception": null
}
```


Delete a Mapping

Use the following REST call to delete a mapping. This REST call is available as of Version 3.11.

DELETE: /api/v1/sourcesystem/integration/mapping/update

Parameters Mapping ID

Example:

DELETE https://localhost:9500/api/v1/sourcesystem/integration/mapping/delete/f9c9af9822-b9bf9d0245ba4c

– response –


```
{
  "status": "ACCEPTED",
  "code": 0,
  "message": null,
  "developerMessage": null,
  "responseType": null,
  "response": null,
  "exception": null
}
```

Create a Mapping Item

Use the following REST call to create a new mapping item. This REST call is available as of Version 3.11.

POST: /api/v1/sourcesystem/integration/mapping/item/create

Parameters (body): Mapping Item Entity

Content type: application/json

Do not include the ID in the mapping item entity when creating a new mapping item. A unique ID will be generated.

Example:

POST https://localhost:9500/api/v1/sourcesystem/integration/mapping/item/create

Content-Type: application/json

```
{
  "idsDocElementId": "62745a35-1790-4994-a39a-efb0dc63d142",
  "mappedItem": "FNAME",
  "mappingId": "4ca397e9-7c39-432f-abe7-c150f193e11b"
}
```

– response –

```
{
  "status": "CREATED",
  "code": 0,
  "message": null,
  "developerMessage": null,
  "responseType":
"com.ibi.omni.controller.services.sourcesystem.MappingItemDto",
  "response": {
    "id": "cb1af21e-7335-4dbd-85fa-82eaf27d2634",
    "mappedItem": "FNAME",
    "mappingId": "4ca397e9-7c39-432f-abe7-c150f193e11b",
    "idsDocElementId": "62745a35-1790-4994-a39a-efb0dc63d142",
    "linkSourceName": null,
    "linkSourceId": null,
    "codeSourceName": null,
    "codeSet": null,
    "codeValue": null,
    "serviceLevelAgreement": null
  },
  "exception": null
}
```

Update a Mapping Item

Use the following REST call to update a mapping item. This REST call is available as of Version 3.11.

PUT: /api/v1/sourcesystem/integration/mapping/item/update

Parameters (body): Mapping Item Entity

Content type: application/json

Example:

PUT https://localhost:9500/api/v1/sourcesystem/integration/mapping/item/update

Content-Type: application/json

```
{
    "id": "cb1af21e-7335-4dbd-85fa-82eaf27d2634",
    "mappedItem": "FNAME",
    "mappingId": "4ca397e9-7c39-432f-abe7-c150f193e11b",
    "idsDocElementId": "62745a35-1790-4994-a39a-efb0dc63d142",
    "serviceLevelAgreement": "super SLA"
  }
```

-- response --

```
{
  "status": "OK",
  "code": 0,
  "message": null,
  "developerMessage": null,
  "responseType":
"com.ibi.omni.controller.services.sourcesystem.MappingItemDto",
  "response": {
    "id": "cb1af21e-7335-4dbd-85fa-82eaf27d2634",
    "mappedItem": "FNAME",
    "mappingId": "4ca397e9-7c39-432f-abe7-c150f193e11b",
    "idsDocElementId": "62745a35-1790-4994-a39a-efb0dc63d142",
    "linkSourceName": null,
    "linkSourceId": null,
    "codeSourceName": null,
    "codeSet": null,
    "codeValue": null,
    "serviceLevelAgreement": "super SLA"
  },
  "exception": null
}
```

List All Items for a Mapping

Use the following REST call to list all items for a mapping. This REST call is available as of Version 3.11.

GET: /api/v1/sourcesystem/integration/mapping/{mappingId}

Parameters: Integration Point ID

Example:

GET https://localhost:9500/api/v1/sourcesystem/integration/mapping/4ca397e9-7c39-432f-abe7-c150f193e11b

– response –


```
{
  "status": "OK",
  "code": 0,
  "message": null,
  "developerMessage": null,
  "responseType": "java.util.ArrayList",
  "response": [
    {
      "id": "efc256fc-989a-49e7-85c0-316f7519db9a",
      "mappedItem": "MNAME",
      "mappingId": "4ca397e9-7c39-432f-abe7-c150f193e11b",
      "idsDocElementId": "ddf07c78-b8f8-4fde-9415-d114a9cfc1bc",
      "linkSourceName": null,
      "linkSourceId": null,
      "codeSourceName": null,
      "codeSet": null,
      "codeValue": null,
      "serviceLevelAgreement": null
    },
    {
      "id": "18440f2a-22c1-4c09-891a-bb82eedf5d6c",
      "mappedItem": "LNAME",
      "mappingId": "4ca397e9-7c39-432f-abe7-c150f193e11b",
      "idsDocElementId": "3f412216-f7ad-4f5a-a726-9ef54711b9a7",
      "linkSourceName": null,
      "linkSourceId": null,
      "codeSourceName": null,
      "codeSet": null,
      "codeValue": null,
      "serviceLevelAgreement": null
    },
```

```
{
      "id": "cb1af21e-7335-4dbd-85fa-82eaf27d2634",
      "mappedItem": "FNAME",
      "mappingId": "4ca397e9-7c39-432f-abe7-c150f193e11b",
      "idsDocElementId": "62745a35-1790-4994-a39a-efb0dc63d142",
      "linkSourceName": null,
      "linkSourceId": null,
      "codeSourceName": null,
      "codeSet": null,
      "codeValue": null,
      "serviceLevelAgreement": "super SLA"
    }
  ],
  "exception": null
}
```


Delete a Mapping Item

Use the following REST call to delete a mapping item. This REST call is available as of Version 3.11.

DELETE: /api/v1/sourcesystem/integration/mapping/item/delete/{itemId}

Parameters: Mapping ID

Example:

DELETE https://localhost:9500/api/v1/sourcesystem/integration/mapping/item/delete/f9c9af9822-b9bf95ba4c

-- response --


```
{
  "status": "ACCEPTED",
  "code": 0,
  "message": null,
  "developerMessage": null,
  "responseType": null,
  "response": null,
  "exception": null
}
```


Load Mapping From Documentation

Use the following REST call to load mappings from Microsoft Excel into the metadata repository. This REST call is available as of Version 3.11.

POST: /api/v1/sourcesystem/integration/mapping/load?int_pt_id={id}&subjects={s1,s2}

Parameters:

int_pt_id: the ID of the integration point to which this mapping belongs.

subjects: optionally, a comma delimited list of specific subjects to load from the spreadsheet.

excel_file: an Omni generated documentation file containing mappings from a source system to one or more subjects. These will correspond to sheet names in the spreadsheet.

When a model is deployed into Omni server, Excel spreadsheets are generated to allow users to document the mappings from external systems into Omni subjects. This service allows information captured in those spreadsheets to be loaded into the metadata repository.

Example:

POST /api/v1/sourcesystem/integration/mapping/load?int_pt_id=f9c9af9822-b9bf95ba4c&subjects=Customer

-- response --

```
{
  "status": "ACCEPTED",
  "code": 0,
  "message": null,
  "developerMessage": null,
  "responseType": null,
  "response": null,
  "exception": null
}
```

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