

# AtlasMap Design Time Service API Reference

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# Design Time Service

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# Chapter 1. Core

## 1.1. Paths

### 1.1.1. List FieldActions

```
GET /v2/atlas/fieldActions
```

#### Description

Retrieves a list of available field action

#### Responses

| HTTP Code | Description                          | Schema                        |
|-----------|--------------------------------------|-------------------------------|
| 200       | Return a list of field action detail | <a href="#">ActionDetails</a> |

#### Produces

- `application/json`

### 1.1.2. Create Mapping

```
PUT /v2/atlas/mapping
```

#### Description

Save a mapping file on the server

#### Responses

| HTTP Code | Description | Schema     |
|-----------|-------------|------------|
| 200       | Succeeded   | No Content |

#### Consumes

- `application/json`

#### Produces

- `application/json`

### 1.1.3. Process Mapping

PUT /v2/atlas/mapping/process

#### Description

Process Mapping by feeding input data

#### Responses

| HTTP Code | Description                     | Schema                                 |
|-----------|---------------------------------|--|
| 200       | Return a mapping result         | <a href="#">ProcessMappingResponse</a> |
| 204       | Skipped empty mapping execution | No Content                             |

#### Consumes

- [application/json](#)

#### Produces

- [application/json](#)

### 1.1.4. Validate Mapping

PUT /v2/atlas/mapping/validate

#### Description

Validate mapping file

#### Responses

| HTTP Code | Description                | Schema                      |
|-----------|----------------------------|-----------------------------|
| 200       | Return a validation result | <a href="#">Validations</a> |

#### Consumes

- [application/json](#)

#### Produces

- [application/json](#)

### 1.1.5. Update Mapping

POST /v2/atlas/mapping/{mappingId}

#### Description

Update existing mapping file on the server

#### Parameters

| Type | Name                                | Description | Schema |
|------|-------------------------------------|-------------|--------|
| Path | <b>mappingId</b><br><i>required</i> | Mapping ID  | string |

#### Responses

| HTTP Code | Description | Schema     |
|-----------|-------------|------------|
| 200       | Succeeded   | No Content |

#### Consumes

- `application/json`

#### Produces

- `application/json`

### 1.1.6. Get Mapping

GET /v2/atlas/mapping/{mappingId}

#### Description

Retrieve a mapping file saved on the server

#### Parameters

| Type | Name                                | Description | Schema |
|------|-------------------------------------|-------------|--------|
| Path | <b>mappingId</b><br><i>required</i> | Mapping ID  | string |

## Responses

| HTTP Code | Description                   | Schema                       |
|-----------|-------------------------------|------------------------------|
| 200       | Return a mapping file content | <a href="#">AtlasMapping</a> |
| 204       | Mapping file was not found    | No Content                   |

## Produces

- `application/json`

### 1.1.7. Remove Mapping

```
DELETE /v2/atlas/mapping/{mappingId}
```

## Description

Remove a mapping file saved on the server

## Parameters

| Type | Name                                | Description | Schema |
|------|-------------------------------------|-------------|--------|
| Path | <b>mappingId</b><br><i>required</i> | Mapping ID  | string |

## Responses

| HTTP Code | Description                                     | Schema     |
|-----------|---|------------|
| 200       | Specified mapping file was removed successfully | No Content |
| 204       | Mapping file was not found                      | No Content |

## Produces

- `application/json`

### 1.1.8. List Mappings

```
GET /v2/atlas/mappings
```

## Description

Retrieves a list of mapping file name saved on the server

## Parameters

| Type  | Name                             | Schema |
|-------|----------------------------------|--------|
| Query | <b>filter</b><br><i>optional</i> | string |

## Responses

| HTTP Code | Description  | Schema                    |
|-----------|--|---------------------------|
| 200       | Return a list of a pair of mapping file name and content | <a href="#">StringMap</a> |

## Produces

- `application/json`

### 1.1.9. Ping

```
GET /v2/atlas/ping
```

## Description

Simple liveness check method used in liveness checks. Must not be protected via authentication.

## Responses

| HTTP Code | Description   | Schema |
|-----------|---------------|--------|
| 200       | Return 'pong' | string |

## 1.2. Definitions

### 1.2.1. ActionDetail

| Name                                | Schema |
|-------------------------------------|--------|
| <b>className</b><br><i>optional</i> | string |



| Name   | Schema  |
|--|---|
| <b>method</b><br><i>optional</i>               | string  |
| <b>name</b><br><i>optional</i>                 | string  |
| <b>parameters</b><br><i>optional</i>           | <a href="#">ActionParameters</a>  |
| <b>sourceCollectionType</b><br><i>optional</i> | enum (ALL, ARRAY, LIST, MAP, NONE)  |
| <b>sourceType</b><br><i>optional</i>           | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |
| <b>targetCollectionType</b><br><i>optional</i> | enum (ALL, ARRAY, LIST, MAP, NONE)  |
| <b>targetType</b><br><i>optional</i>           | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |

### 1.2.2. ActionDetails

| Name                                   | Schema                                 |
|--|--|
| <b>actionDetail</b><br><i>optional</i> | < <a href="#">ActionDetail</a> > array |

### 1.2.3. ActionParameter

| Name                                  | Schema |
|---------------------------------------|--------|
| <b>description</b><br><i>optional</i> | string |

| Name                                  | Schema  |
|---------------------------------------|---|
| <b>displayName</b><br><i>optional</i> | string  |
| <b>fieldType</b><br><i>optional</i>   | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |
| <b>name</b><br><i>optional</i>        | string  |
| <b>values</b><br><i>optional</i>      | < string > array  |

#### 1.2.4. ActionParameters

| Name                                | Schema                                    |
|-------------------------------------|---|
| <b>parameter</b><br><i>optional</i> | < <a href="#">ActionParameter</a> > array |

#### 1.2.5. Actions

Type : object

#### 1.2.6. AtlasMapping

| Name                                   | Schema                               |
|--|--------------------------------------|
| <b>constants</b><br><i>optional</i>    | <a href="#">Constants</a>            |
| <b>dataSource</b><br><i>required</i>   | < <a href="#">DataSource</a> > array |
| <b>lookupTables</b><br><i>optional</i> | <a href="#">LookupTables</a>         |
| <b>mappings</b><br><i>required</i>     | <a href="#">Mappings</a>             |

| Name                                 | Schema                     |
|--------------------------------------|----------------------------|
| <b>name</b><br><i>optional</i>       | string                     |
| <b>properties</b><br><i>optional</i> | <a href="#">Properties</a> |

### 1.2.7. AtlasMappingResult

| Name                                      | Schema                                   |
|---|--|
| <b>audits</b><br><i>optional</i>          | <a href="#">Audits</a>                   |
| <b>targetDocuments</b><br><i>optional</i> | < <a href="#">TargetDocument</a> > array |

### 1.2.8. Audit

| Name                              | Schema                              |
|-----------------------------------|-------------------------------------|
| <b>docId</b><br><i>optional</i>   | string                              |
| <b>message</b><br><i>optional</i> | string                              |
| <b>path</b><br><i>optional</i>    | string                              |
| <b>status</b><br><i>optional</i>  | enum (ALL, INFO, WARN, ERROR, NONE) |
| <b>value</b><br><i>optional</i>   | string                              |

### 1.2.9. Audits

| Name                            | Schema                          |
|---------------------------------|---------------------------------|
| <b>audit</b><br><i>optional</i> | < <a href="#">Audit</a> > array |

### 1.2.10. BaseMapping

| Name                                  | Schema   |
|---------------------------------------|--|
| <b>alias</b><br><i>optional</i>       | string   |
| <b>description</b><br><i>optional</i> | string   |
| <b>mappingType</b><br><i>optional</i> | enum (ALL, COLLECTION, COMBINE, LOOKUP, MAP, SEPARATE, NONE) |

### 1.2.11. Constant

| Name                                | Schema  |
|-------------------------------------|---|
| <b>fieldType</b><br><i>optional</i> | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |
| <b>name</b><br><i>optional</i>      | string  |
| <b>value</b><br><i>optional</i>     | string  |

### 1.2.12. Constants

| Name                               | Schema                             |
|------------------------------------|------------------------------------|
| <b>constant</b><br><i>optional</i> | < <a href="#">Constant</a> > array |

### 1.2.13. DataSource

| Name                                     | Schema                |
|--|-----------------------|
| <b>dataSourceType</b><br><i>optional</i> | enum (SOURCE, TARGET) |

| Name                          | Schema |
|-------------------------------|--------|
| <b>id</b><br><i>optional</i>  | string |
| <b>uri</b><br><i>optional</i> | string |

### 1.2.14. Field

| Name                                      | Schema  |
|---|---|
| <b>actions</b><br><i>optional</i>         | <a href="#">Actions</a>   |
| <b>arrayDimensions</b><br><i>optional</i> | integer (int32)   |
| <b>arraySize</b><br><i>optional</i>       | integer (int32)   |
| <b>collectionType</b><br><i>optional</i>  | enum (ALL, ARRAY, LIST, MAP, NONE)  |
| <b>docId</b><br><i>optional</i>           | string  |
| <b>fieldType</b><br><i>optional</i>       | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |
| <b>format</b><br><i>optional</i>          | string  |
| <b>index</b><br><i>optional</i>           | integer (int32)   |
| <b>path</b><br><i>optional</i>            | string  |

| Name                               | Schema  |
|------------------------------------|---|
| <b>required</b><br><i>optional</i> | boolean   |
| <b>status</b><br><i>optional</i>   | enum (SUPPORTED, UNSUPPORTED, CACHED, ERROR, NOT_FOUND, BLACK_LIST) |
| <b>value</b><br><i>optional</i>    | object  |

### 1.2.15. LookupEntry

| Name                                  | Schema  |
|---------------------------------------|---|
| <b>sourceType</b><br><i>optional</i>  | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |
| <b>sourceValue</b><br><i>optional</i> | string  |
| <b>targetType</b><br><i>optional</i>  | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |
| <b>targetValue</b><br><i>optional</i> | string  |

### 1.2.16. LookupTable

| Name                                  | Schema                                |
|---------------------------------------|---------------------------------------|
| <b>description</b><br><i>optional</i> | string                                |
| <b>lookupEntry</b><br><i>optional</i> | < <a href="#">LookupEntry</a> > array |

| Name                           | Schema |
|--------------------------------|--------|
| <b>name</b><br><i>optional</i> | string |

### 1.2.17. LookupTables

| Name                                  | Schema                                |
|---------------------------------------|---------------------------------------|
| <b>lookupTable</b><br><i>optional</i> | < <a href="#">LookupTable</a> > array |

### 1.2.18. Mapping

| Name                                      | Schema   |
|---|--|
| <b>alias</b><br><i>optional</i>           | string   |
| <b>delimiter</b><br><i>optional</i>       | string   |
| <b>delimiterString</b><br><i>optional</i> | string   |
| <b>description</b><br><i>optional</i>     | string   |
| <b>id</b><br><i>optional</i>              | string   |
| <b>inputField</b><br><i>optional</i>      | < <a href="#">Field</a> > array                              |
| <b>lookupTableName</b><br><i>optional</i> | string   |
| <b>mappingType</b><br><i>optional</i>     | enum (ALL, COLLECTION, COMBINE, LOOKUP, MAP, SEPARATE, NONE) |
| <b>outputField</b><br><i>optional</i>     | < <a href="#">Field</a> > array                              |
| <b>strategy</b><br><i>optional</i>        | string   |

| Name  | Schema |
|---|--------|
| <b>strategyClassName</b><br><i>optional</i> | string |

### 1.2.19. Mappings

| Name                              | Schema                                |
|-----------------------------------|---------------------------------------|
| <b>mapping</b><br><i>optional</i> | < <a href="#">BaseMapping</a> > array |

### 1.2.20. ProcessMappingResponse

| Name   | Schema                             |
|--|------------------------------------|
| <b>atlasMappingResult</b><br><i>optional</i> | <a href="#">AtlasMappingResult</a> |
| <b>audits</b><br><i>optional</i>             | <a href="#">Audits</a>             |
| <b>mapping</b><br><i>optional</i>            | <a href="#">Mapping</a>            |

### 1.2.21. Properties

| Name                               | Schema                             |
|------------------------------------|------------------------------------|
| <b>property</b><br><i>optional</i> | < <a href="#">Property</a> > array |

### 1.2.22. Property

| Name                                | Schema  |
|-------------------------------------|---|
| <b>fieldType</b><br><i>optional</i> | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |



| Name                            | Schema |
|---------------------------------|--------|
| <b>name</b><br><i>optional</i>  | string |
| <b>value</b><br><i>optional</i> | string |

### 1.2.23. StringMap

| Name                                     | Schema                                   |
|--|--|
| <b>stringMapEntry</b><br><i>optional</i> | < <a href="#">StringMapEntry</a> > array |

### 1.2.24. StringMapEntry

| Name                            | Schema |
|---------------------------------|--------|
| <b>name</b><br><i>optional</i>  | string |
| <b>value</b><br><i>optional</i> | string |

### 1.2.25. TargetDocument

| Name                            | Schema |
|---------------------------------|--------|
| <b>body</b><br><i>optional</i>  | string |
| <b>docId</b><br><i>optional</i> | string |

### 1.2.26. Validation

| Name                              | Schema |
|-----------------------------------|--------|
| <b>id</b><br><i>optional</i>      | string |
| <b>message</b><br><i>optional</i> | string |

| Name                             | Schema   |
|----------------------------------|--|
| <b>scope</b><br><i>optional</i>  | enum (ALL, DATA_SOURCE, MAPPING, LOOKUP_TABLE, CONSTANT, PROPERTY) |
| <b>status</b><br><i>optional</i> | enum (ALL, INFO, WARN, ERROR, NONE)                                |

### 1.2.27. Validations

| Name                                 | Schema                               |
|--------------------------------------|--------------------------------------|
| <b>validation</b><br><i>optional</i> | < <a href="#">Validation</a> > array |

# Chapter 2. Java

## 2.1. Paths

### 2.1.1. Inspect Class

```
POST /v2/atlas/java/class
```

#### Description

Inspect a Java Class with specified fully qualified class name and return a Document object

#### Responses

| HTTP Code | Description                                       | Schema                    |
|-----------|---|---------------------------|
| 200       | Return a Document object represented by JavaClass | <a href="#">JavaClass</a> |

#### Consumes

- `application/json`

#### Produces

- `application/json`

### 2.1.2. Inspect Class

```
GET /v2/atlas/java/class
```

#### Description

Inspect a Java Class with specified fully qualified class name and return a Document object

#### Parameters

| Type  | Name                                | Description                               | Schema |
|-------|-------------------------------------|---|--------|
| Query | <b>className</b><br><i>optional</i> | The fully qualified class name to inspect | string |

#### Responses

| HTTP Code | Description                                       | Schema                    |
|-----------|---|---------------------------|
| 200       | Return a Document object represented by JavaClass | <a href="#">JavaClass</a> |

#### Produces

- [application/json](#)

### 2.1.3. Generate Maven Classpath

POST /v2/atlas/java/mavenclasspath

#### Description

Retrieve a maven classpath string

#### Responses

| HTTP Code | Description  | Schema                                 |
|-----------|--|--|
| 200       | Return a MavenClasspathResponse object which contains classpath string | <a href="#">MavenClasspathResponse</a> |

#### Consumes

- [application/json](#)

#### Produces

- [application/json](#)

### 2.1.4. Simple

GET /v2/atlas/java/simple

#### Description

Simple hello service

#### Parameters

| Type  | Name                           | Description | Schema |
|-------|--------------------------------|-------------|--------|
| Query | <b>from</b><br><i>optional</i> | From        | string |

## Responses

| HTTP Code | Description       | Schema |
|-----------|-------------------|--------|
| 200       | Return a response | string |

## Produces

- `text/plain`

## 2.2. Definitions

### 2.2.1. Actions

Type : object

### 2.2.2. JavaClass

| Name  | Schema                     |
|---|----------------------------|
| <b>actions</b><br><i>optional</i>             | <a href="#">Actions</a>    |
| <b>anonymous</b><br><i>optional</i>           | boolean                    |
| <b>annotation</b><br><i>optional</i>          | boolean                    |
| <b>annotations</b><br><i>optional</i>         | <a href="#">StringList</a> |
| <b>arrayDimensions</b><br><i>optional</i>     | integer (int32)            |
| <b>arraySize</b><br><i>optional</i>           | integer (int32)            |
| <b>className</b><br><i>optional</i>           | string                     |
| <b>collectionClassName</b><br><i>optional</i> | string                     |

| Name                                     | Schema  |
|--|---|
| <b>collectionType</b><br><i>optional</i> | enum (ALL, ARRAY, LIST, MAP, NONE)  |
| <b>docId</b><br><i>optional</i>          | string  |
| <b>enumeration</b><br><i>optional</i>    | boolean   |
| <b>fieldType</b><br><i>optional</i>      | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |
| <b>format</b><br><i>optional</i>         | string  |
| <b>getMethod</b><br><i>optional</i>      | string  |
| <b>index</b><br><i>optional</i>          | integer (int32)   |
| <b>interface</b><br><i>optional</i>      | boolean   |
| <b>javaEnumFields</b><br><i>required</i> | <a href="#">JavaEnumFields</a>  |
| <b>javaFields</b><br><i>required</i>     | <a href="#">JavaFields</a>  |
| <b>localClass</b><br><i>optional</i>     | boolean   |
| <b>memberClass</b><br><i>optional</i>    | boolean   |
| <b>modifiers</b><br><i>required</i>      | <a href="#">ModifierList</a>  |

| Name   | Schema  |
|--|---|
| <b>name</b><br><i>optional</i>               | string  |
| <b>packageName</b><br><i>optional</i>        | string  |
| <b>parameterizedTypes</b><br><i>optional</i> | <a href="#">StringList</a>  |
| <b>path</b><br><i>optional</i>               | string  |
| <b>primitive</b><br><i>optional</i>          | boolean   |
| <b>required</b><br><i>optional</i>           | boolean   |
| <b>setMethod</b><br><i>optional</i>          | string  |
| <b>status</b><br><i>optional</i>             | enum (SUPPORTED, UNSUPPORTED, CACHED, ERROR, NOT_FOUND, BLACK_LIST) |
| <b>synthetic</b><br><i>optional</i>          | boolean   |
| <b>uri</b><br><i>optional</i>                | string  |
| <b>value</b><br><i>optional</i>              | object  |

### 2.2.3. JavaEnumField

| Name                                      | Schema                  |
|---|-------------------------|
| <b>actions</b><br><i>optional</i>         | <a href="#">Actions</a> |
| <b>arrayDimensions</b><br><i>optional</i> | integer (int32)         |

| Name                                     | Schema  |
|--|---|
| <b>arraySize</b><br><i>optional</i>      | integer (int32)   |
| <b>className</b><br><i>optional</i>      | string  |
| <b>collectionType</b><br><i>optional</i> | enum (ALL, ARRAY, LIST, MAP, NONE)  |
| <b>docId</b><br><i>optional</i>          | string  |
| <b>fieldType</b><br><i>optional</i>      | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |
| <b>format</b><br><i>optional</i>         | string  |
| <b>index</b><br><i>optional</i>          | integer (int32)   |
| <b>name</b><br><i>optional</i>           | string  |
| <b>ordinal</b><br><i>optional</i>        | integer (int32)   |
| <b>path</b><br><i>optional</i>           | string  |
| <b>required</b><br><i>optional</i>       | boolean   |
| <b>status</b><br><i>optional</i>         | enum (SUPPORTED, UNSUPPORTED, CACHED, ERROR, NOT_FOUND, BLACK_LIST)   |
| <b>value</b><br><i>optional</i>          | object  |



## 2.2.4. JavaEnumFields

| Name                                    | Schema                                  |
|---|---|
| <b>javaEnumField</b><br><i>optional</i> | < <a href="#">JavaEnumField</a> > array |

## 2.2.5. JavaField

| Name  | Schema  |
|---|---|
| <b>actions</b><br><i>optional</i>             | <a href="#">Actions</a>   |
| <b>annotations</b><br><i>optional</i>         | <a href="#">StringList</a>  |
| <b>arrayDimensions</b><br><i>optional</i>     | integer (int32)   |
| <b>arraySize</b><br><i>optional</i>           | integer (int32)   |
| <b>className</b><br><i>optional</i>           | string  |
| <b>collectionClassName</b><br><i>optional</i> | string  |
| <b>collectionType</b><br><i>optional</i>      | enum (ALL, ARRAY, LIST, MAP, NONE)  |
| <b>docId</b><br><i>optional</i>               | string  |
| <b>fieldType</b><br><i>optional</i>           | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |
| <b>format</b><br><i>optional</i>              | string  |

| Name   | Schema  |
|--|---|
| <b>getMethod</b><br><i>optional</i>          | string  |
| <b>index</b><br><i>optional</i>              | integer (int32)   |
| <b>modifiers</b><br><i>required</i>          | <a href="#">ModifierList</a>  |
| <b>name</b><br><i>optional</i>               | string  |
| <b>parameterizedTypes</b><br><i>optional</i> | <a href="#">StringList</a>  |
| <b>path</b><br><i>optional</i>               | string  |
| <b>primitive</b><br><i>optional</i>          | boolean   |
| <b>required</b><br><i>optional</i>           | boolean   |
| <b>setMethod</b><br><i>optional</i>          | string  |
| <b>status</b><br><i>optional</i>             | enum (SUPPORTED, UNSUPPORTED, CACHED, ERROR, NOT_FOUND, BLACK_LIST) |
| <b>synthetic</b><br><i>optional</i>          | boolean   |
| <b>value</b><br><i>optional</i>              | object  |

### 2.2.6. JavaFields

| Name                                | Schema                              |
|-------------------------------------|-------------------------------------|
| <b>javaField</b><br><i>optional</i> | < <a href="#">JavaField</a> > array |

### 2.2.7. MavenClasspathResponse

| Name                                    | Schema          |
|---|-----------------|
| <b>classpath</b><br><i>optional</i>     | string          |
| <b>errorMessage</b><br><i>optional</i>  | string          |
| <b>executionTime</b><br><i>optional</i> | integer (int64) |

### 2.2.8. ModifierList

| Name                               | Schema   |
|------------------------------------|--|
| <b>modifier</b><br><i>optional</i> | < enum (ALL, ABSTRACT, FINAL, INTERFACE, NATIVE, PACKAGE_PRIVATE, PUBLIC, PROTECTED, PRIVATE, STATIC, STRICT, SYNCHRONIZED, TRANSIENT, VOLATILE, NONE) > array |

### 2.2.9. StringList

| Name                             | Schema           |
|----------------------------------|------------------|
| <b>string</b><br><i>optional</i> | < string > array |

# Chapter 3. JSON

## 3.1. Paths

### 3.1.1. Inspect JSON

```
POST /v2/atlas/json/inspect
```

#### Description

Inspect a JSON schema or instance and return a Document object

#### Responses

| HTTP Code | Description  | Schema                                 |
|-----------|--|--|
| 200       | Return a Document object represented by JsonDocument | <a href="#">JsonInspectionResponse</a> |

#### Consumes

- `application/json`

#### Produces

- `application/json`

### 3.1.2. Inspect JSON via URI

```
GET /v2/atlas/json/inspect
```

#### Description

**NOT IMPLEMENTED** Inspect a JSON schema or instance located at specified URI and return a Document object

#### Parameters

| Type  | Name                                 | Description | Schema |
|-------|--------------------------------------|-------------|--------|
| Query | <code>type</code><br><i>optional</i> |             | string |

| Type  | Name                          | Description                     | Schema |
|-------|-------------------------------|---------------------------------|--------|
| Query | <b>uri</b><br><i>optional</i> | URI for JSON schema or instance | string |

## Responses

| HTTP Code | Description  | Schema                       |
|-----------|--|------------------------------|
| 200       | Return a Document object represented by JsonDocument | <a href="#">JsonDocument</a> |

## Produces

- `application/json`

### 3.1.3. Simple

```
GET /v2/atlas/json/simple
```

## Description

Simple hello service

## Parameters

| Type  | Name                           | Description | Schema |
|-------|--------------------------------|-------------|--------|
| Query | <b>from</b><br><i>optional</i> | From        | string |

## Responses

| HTTP Code | Description       | Schema |
|-----------|-------------------|--------|
| 200       | Return a response | string |

## Produces

- `text/plain`

## 3.2. Definitions

### 3.2.1. Actions

*Type* : object

### 3.2.2. Field

| Name                                      | Schema  |
|---|---|
| <b>actions</b><br><i>optional</i>         | <a href="#">Actions</a>   |
| <b>arrayDimensions</b><br><i>optional</i> | integer (int32)   |
| <b>arraySize</b><br><i>optional</i>       | integer (int32)   |
| <b>collectionType</b><br><i>optional</i>  | enum (ALL, ARRAY, LIST, MAP, NONE)  |
| <b>docId</b><br><i>optional</i>           | string  |
| <b>fieldType</b><br><i>optional</i>       | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |
| <b>format</b><br><i>optional</i>          | string  |
| <b>index</b><br><i>optional</i>           | integer (int32)   |
| <b>path</b><br><i>optional</i>            | string  |
| <b>required</b><br><i>optional</i>        | boolean   |
| <b>status</b><br><i>optional</i>          | enum (SUPPORTED, UNSUPPORTED, CACHED, ERROR, NOT_FOUND, BLACK_LIST)   |
| <b>value</b><br><i>optional</i>           | object  |

### 3.2.3. Fields

| Name                            | Schema                          |
|---------------------------------|---------------------------------|
| <b>field</b><br><i>optional</i> | < <a href="#">Field</a> > array |

### 3.2.4. JsonDocument

| Name                             | Schema                 |
|----------------------------------|------------------------|
| <b>fields</b><br><i>required</i> | <a href="#">Fields</a> |

### 3.2.5. JsonInspectionResponse

| Name                                    | Schema                       |
|---|------------------------------|
| <b>errorMessage</b><br><i>optional</i>  | string                       |
| <b>executionTime</b><br><i>optional</i> | integer (int64)              |
| <b>jsonDocument</b><br><i>optional</i>  | <a href="#">JsonDocument</a> |

# Chapter 4. XML

## 4.1. Paths

### 4.1.1. Inspect XML

```
POST /v2/atlas/xml/inspect
```

#### Description

Inspect a XML schema or instance and return a Document object

#### Responses

| HTTP Code | Description   | Schema                                |
|-----------|---|---------------------------------------|
| 200       | Return a Document object represented by XmlDocument | <a href="#">XmlInspectionResponse</a> |

#### Consumes

- `application/json`

#### Produces

- `application/json`

### 4.1.2. Inspect XML via URI

```
GET /v2/atlas/xml/inspect
```

#### Description

Inspect a XML schema or instance located at specified URI and return a Document object

#### Parameters

| Type  | Name                           | Schema |
|-------|--------------------------------|--------|
| Query | <b>type</b><br><i>optional</i> | string |
| Query | <b>uri</b><br><i>optional</i>  | string |



## Responses

| HTTP Code | Description   | Schema                      |
|-----------|---|-----------------------------|
| 200       | Return a Document object represented by XmlDocument | <a href="#">XmlDocument</a> |

## Produces

- `application/json`

### 4.1.3. Simple

```
GET /v2/atlas/xml/simple
```

## Description

Simple hello service

## Parameters

| Type  | Name                           | Schema |
|-------|--------------------------------|--------|
| Query | <b>from</b><br><i>optional</i> | string |

## Responses

| HTTP Code | Description       | Schema |
|-----------|-------------------|--------|
| 200       | Return a response | string |

## Produces

- `text/plain`

## 4.2. Definitions

### 4.2.1. Actions

Type : object

### 4.2.2. Field

| Name                                      | Schema  |
|---|---|
| <b>actions</b><br><i>optional</i>         | <a href="#">Actions</a>   |
| <b>arrayDimensions</b><br><i>optional</i> | integer (int32)   |
| <b>arraySize</b><br><i>optional</i>       | integer (int32)   |
| <b>collectionType</b><br><i>optional</i>  | enum (ALL, ARRAY, LIST, MAP, NONE)  |
| <b>docId</b><br><i>optional</i>           | string  |
| <b>fieldType</b><br><i>optional</i>       | enum (ANY, ANY_DATE, BIG_INTEGER, BOOLEAN, BYTE, BYTE_ARRAY, CHAR, COMPLEX, DATE, DATE_TIME, DATE_TIME_TZ, DATE_TZ, DECIMAL, DOUBLE, FLOAT, INTEGER, LONG, NONE, NUMBER, SHORT, STRING, TIME, TIME_TZ, UNSIGNED_BYTE, UNSIGNED_INTEGER, UNSIGNED_LONG, UNSIGNED_SHORT, UNSUPPORTED) |
| <b>format</b><br><i>optional</i>          | string  |
| <b>index</b><br><i>optional</i>           | integer (int32)   |
| <b>path</b><br><i>optional</i>            | string  |
| <b>required</b><br><i>optional</i>        | boolean   |
| <b>status</b><br><i>optional</i>          | enum (SUPPORTED, UNSUPPORTED, CACHED, ERROR, NOT_FOUND, BLACK_LIST)   |
| <b>value</b><br><i>optional</i>           | object  |

### 4.2.3. Fields

| Name                            | Schema                          |
|---------------------------------|---------------------------------|
| <b>field</b><br><i>optional</i> | < <a href="#">Field</a> > array |

#### 4.2.4. XmlDocument

| Name                                    | Schema                        |
|---|-------------------------------|
| <b>fields</b><br><i>required</i>        | <a href="#">Fields</a>        |
| <b>xmlNamespaces</b><br><i>required</i> | <a href="#">XmlNamespaces</a> |

#### 4.2.5. XmlInspectionResponse

| Name                                    | Schema                      |
|---|-----------------------------|
| <b>errorMessage</b><br><i>optional</i>  | string                      |
| <b>executionTime</b><br><i>optional</i> | integer (int64)             |
| <b>xmlDocument</b><br><i>optional</i>   | <a href="#">XmlDocument</a> |

#### 4.2.6. XmlNamespace

| Name                                      | Schema  |
|---|---------|
| <b>alias</b><br><i>optional</i>           | string  |
| <b>locationUri</b><br><i>optional</i>     | string  |
| <b>targetNamespace</b><br><i>optional</i> | boolean |
| <b>uri</b><br><i>optional</i>             | string  |

### 4.2.7. XmlNamespaces

| Name                                   | Schema                                 |
|--|--|
| <b>xmlNamespace</b><br><i>optional</i> | < <a href="#">XmlNamespace</a> > array |