

# AtlasMap Design Time Service API Reference

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# Design Time Service

1. Core	1
1.1. Paths	1
1.1.1. List FieldActions	1
1.1.2. Create Mapping	1
1.1.3. Process Mapping	2
1.1.4. Validate Mapping	2
1.1.5. Update Mapping	3
1.1.6. Get Mapping	3
1.1.7. Remove Mapping	4
1.1.8. List Mappings	4
1.1.9. Ping	5
1.2. Definitions	5
1.2.1. ActionDetail	5
1.2.2. ActionDetails	6
1.2.3. ActionParameter	6
1.2.4. ActionParameters	7
1.2.5. Actions	7
1.2.6. AtlasMapping	7
1.2.7. AtlasMappingResult	8
1.2.8. Audit	8
1.2.9. Audits	8
1.2.10. BaseMapping	9
1.2.11. Constant	9
1.2.12. Constants	9
1.2.13. DataSource	9
1.2.14. Field	10
1.2.15. LookupEntry	11
1.2.16. LookupTable	11
1.2.17. LookupTables	12
1.2.18. Mapping	12
1.2.19. Mappings	13
1.2.20. ProcessMappingResponse	13
1.2.21. Properties	13
1.2.22. Property	13
1.2.23. StringMap	14
1.2.24. StringMapEntry	14
1.2.25. TargetDocument	14
1.2.26. Validation	14

1.2.27. Validations .....	15
2. Java .....	16
2.1. Paths .....	16
2.1.1. Inspect Class .....	16
2.1.2. Inspect Class .....	16
2.1.3. Generate Maven Classpath .....	17
2.1.4. Simple .....	17
2.2. Definitions .....	18
2.2.1. Actions .....	18
2.2.2. JavaClass .....	18
2.2.3. JavaEnumField .....	20
2.2.4. JavaEnumFields .....	22
2.2.5. JavaField .....	22
2.2.6. JavaFields .....	23
2.2.7. MavenClasspathResponse .....	24
2.2.8. ModifierList .....	24
2.2.9. StringList .....	24
3. JSON .....	25
3.1. Paths .....	25
3.1.1. Inspect JSON .....	25
3.1.2. Inspect JSON via URI .....	25
3.1.3. Simple .....	26
3.2. Definitions .....	26
3.2.1. Actions .....	26
3.2.2. Field .....	27
3.2.3. Fields .....	28
3.2.4. JsonDocument .....	28
3.2.5. JsonInspectionResponse .....	28
4. XML .....	29
4.1. Paths .....	29
4.1.1. Inspect XML .....	29
4.1.2. Inspect XML via URI .....	29
4.1.3. Simple .....	30
4.2. Definitions .....	30
4.2.1. Actions .....	30
4.2.2. Field .....	30
4.2.3. Fields .....	31
4.2.4. XmlDocument .....	32
4.2.5. XmlInspectionResponse .....	32
4.2.6. XmlNamespace .....	32
4.2.7. XmlNamespaces .....	33

# 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> <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> <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> <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> <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> <i>optional</i>	string



Name	Schema
<b>custom</b> <i>optional</i>	boolean
<b>method</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>parameters</b> <i>optional</i>	<a href="#">ActionParameters</a>
<b>sourceCollectionType</b> <i>optional</i>	enum (ALL, ARRAY, LIST, MAP, NONE)
<b>sourceType</b> <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> <i>optional</i>	enum (ALL, ARRAY, LIST, MAP, NONE)
<b>targetType</b> <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> <i>optional</i>	< <a href="#">ActionDetail</a> > array

### 1.2.3. ActionParameter

Name	Schema
<b>description</b> <i>optional</i>	string
<b>displayName</b> <i>optional</i>	string
<b>fieldType</b> <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> <i>optional</i>	string
<b>values</b> <i>optional</i>	< string > array

#### 1.2.4. ActionParameters

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

#### 1.2.5. Actions

Type : object

#### 1.2.6. AtlasMapping

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

Name	Schema
<b>mappings</b> <i>required</i>	<a href="#">Mappings</a>
<b>name</b> <i>optional</i>	string
<b>properties</b> <i>optional</i>	<a href="#">Properties</a>

### 1.2.7. AtlasMappingResult

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

### 1.2.8. Audit

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

### 1.2.9. Audits

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

### 1.2.10. BaseMapping

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

### 1.2.11. Constant

Name	Schema
<b>fieldType</b> <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> <i>optional</i>	string
<b>value</b> <i>optional</i>	string

### 1.2.12. Constants

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

### 1.2.13. DataSource

Name	Schema
<b>dataSourceType</b> <i>optional</i>	enum (SOURCE, TARGET)
<b>id</b> <i>optional</i>	string
<b>uri</b> <i>optional</i>	string

### 1.2.14. Field

Name	Schema
<b>actions</b> <i>optional</i>	<a href="#">Actions</a>
<b>arrayDimensions</b> <i>optional</i>	integer (int32)
<b>arraySize</b> <i>optional</i>	integer (int32)
<b>collectionType</b> <i>optional</i>	enum (ALL, ARRAY, LIST, MAP, NONE)
<b>docId</b> <i>optional</i>	string
<b>fieldType</b> <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> <i>optional</i>	string
<b>index</b> <i>optional</i>	integer (int32)

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

### 1.2.15. LookupEntry

Name	Schema
<b>sourceType</b> <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> <i>optional</i>	string
<b>targetType</b> <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> <i>optional</i>	string

### 1.2.16. LookupTable

Name	Schema
<b>description</b> <i>optional</i>	string

Name	Schema
<b>lookupEntry</b> <i>optional</i>	< <a href="#">LookupEntry</a> > array
<b>name</b> <i>optional</i>	string

### 1.2.17. LookupTables

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

### 1.2.18. Mapping

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

Name	Schema
<b>strategy</b> <i>optional</i>	string
<b>strategyClassName</b> <i>optional</i>	string

### 1.2.19. Mappings

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

### 1.2.20. ProcessMappingResponse

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

### 1.2.21. Properties

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

### 1.2.22. Property



Name	Schema
<b>fieldType</b> <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> <i>optional</i>	string
<b>value</b> <i>optional</i>	string

### 1.2.23. StringMap

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

### 1.2.24. StringMapEntry

Name	Schema
<b>name</b> <i>optional</i>	string
<b>value</b> <i>optional</i>	string

### 1.2.25. TargetDocument

Name	Schema
<b>body</b> <i>optional</i>	string
<b>docId</b> <i>optional</i>	string

### 1.2.26. Validation

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

### 1.2.27. Validations

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

Name	Schema
<b>collectionType</b> <i>optional</i>	enum (ALL, ARRAY, LIST, MAP, NONE)
<b>docId</b> <i>optional</i>	string
<b>enumeration</b> <i>optional</i>	boolean
<b>fieldType</b> <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> <i>optional</i>	string
<b>getMethod</b> <i>optional</i>	string
<b>index</b> <i>optional</i>	integer (int32)
<b>interface</b> <i>optional</i>	boolean
<b>javaEnumFields</b> <i>required</i>	<a href="#">JavaEnumFields</a>
<b>javaFields</b> <i>required</i>	<a href="#">JavaFields</a>
<b>localClass</b> <i>optional</i>	boolean
<b>memberClass</b> <i>optional</i>	boolean
<b>modifiers</b> <i>required</i>	<a href="#">ModifierList</a>

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

### 2.2.3. JavaEnumField

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

Name	Schema
<b>arraySize</b> <i>optional</i>	integer (int32)
<b>className</b> <i>optional</i>	string
<b>collectionType</b> <i>optional</i>	enum (ALL, ARRAY, LIST, MAP, NONE)
<b>docId</b> <i>optional</i>	string
<b>fieldType</b> <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> <i>optional</i>	string
<b>index</b> <i>optional</i>	integer (int32)
<b>name</b> <i>optional</i>	string
<b>ordinal</b> <i>optional</i>	integer (int32)
<b>path</b> <i>optional</i>	string
<b>required</b> <i>optional</i>	boolean
<b>status</b> <i>optional</i>	enum (SUPPORTED, UNSUPPORTED, CACHED, ERROR, NOT_FOUND, BLACK_LIST)
<b>value</b> <i>optional</i>	object



## 2.2.4. JavaEnumFields

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

## 2.2.5. JavaField

Name	Schema
<b>actions</b> <i>optional</i>	<a href="#">Actions</a>
<b>annotations</b> <i>optional</i>	<a href="#">StringList</a>
<b>arrayDimensions</b> <i>optional</i>	integer (int32)
<b>arraySize</b> <i>optional</i>	integer (int32)
<b>className</b> <i>optional</i>	string
<b>collectionClassName</b> <i>optional</i>	string
<b>collectionType</b> <i>optional</i>	enum (ALL, ARRAY, LIST, MAP, NONE)
<b>docId</b> <i>optional</i>	string
<b>fieldType</b> <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> <i>optional</i>	string

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

### 2.2.6. JavaFields

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

### 2.2.7. MavenClasspathResponse

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

### 2.2.8. ModifierList

Name	Schema
<b>modifier</b> <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> <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> <i>optional</i>		string

Type	Name	Description	Schema
Query	<b>uri</b> <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> <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> <i>optional</i>	<a href="#">Actions</a>
<b>arrayDimensions</b> <i>optional</i>	integer (int32)
<b>arraySize</b> <i>optional</i>	integer (int32)
<b>collectionType</b> <i>optional</i>	enum (ALL, ARRAY, LIST, MAP, NONE)
<b>docId</b> <i>optional</i>	string
<b>fieldType</b> <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> <i>optional</i>	string
<b>index</b> <i>optional</i>	integer (int32)
<b>path</b> <i>optional</i>	string
<b>required</b> <i>optional</i>	boolean
<b>status</b> <i>optional</i>	enum (SUPPORTED, UNSUPPORTED, CACHED, ERROR, NOT_FOUND, BLACK_LIST)
<b>value</b> <i>optional</i>	object

### 3.2.3. Fields

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

### 3.2.4. JsonDocument

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

### 3.2.5. JsonInspectionResponse

Name	Schema
<b>errorMessage</b> <i>optional</i>	string
<b>executionTime</b> <i>optional</i>	integer (int64)
<b>jsonDocument</b> <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> <i>optional</i>	string
Query	<b>uri</b> <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> <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> <i>optional</i>	<a href="#">Actions</a>
<b>arrayDimensions</b> <i>optional</i>	integer (int32)
<b>arraySize</b> <i>optional</i>	integer (int32)
<b>collectionType</b> <i>optional</i>	enum (ALL, ARRAY, LIST, MAP, NONE)
<b>docId</b> <i>optional</i>	string
<b>fieldType</b> <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> <i>optional</i>	string
<b>index</b> <i>optional</i>	integer (int32)
<b>path</b> <i>optional</i>	string
<b>required</b> <i>optional</i>	boolean
<b>status</b> <i>optional</i>	enum (SUPPORTED, UNSUPPORTED, CACHED, ERROR, NOT_FOUND, BLACK_LIST)
<b>value</b> <i>optional</i>	object

### 4.2.3. Fields

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

#### 4.2.4. XmlDocument

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

#### 4.2.5. XmlInspectionResponse

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

#### 4.2.6. XmlNamespace

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

### 4.2.7. XmlNamespaces

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