

# 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 /fieldActions
```

#### Description

Retrieves a list of available field action

#### Responses

HTTP Code	Description	Schema
200	Return a list of field action detail	ActionDetails

#### Produces

- application/json

### 1.1.2. Upload Library

```
PUT /library
```

#### Description

Upload a Java library archive file

#### Responses

HTTP Code	Description	Schema
200	Library upload successful.	No Content

#### Consumes

- application/octet-stream

### 1.1.3. Remove All Mappings

```
DELETE /mapping/RESET
```

## Description

Remove all mapping files saved on the server

## Responses

HTTP Code	Description	Schema
200	All mapping files were removed successfully	No Content
204	Unable to remove all mapping files	No Content

## Produces

- application/json

## 1.1.4. Process Mapping

```
PUT /mapping/process
```

## Description

Process Mapping by feeding input data

## Responses

HTTP Code	Description	Schema
200	Return a mapping result	ProcessMappingR esponse
204	Skipped empty mapping execution	No Content

## Consumes

- application/json

## Produces

- application/json

### 1.1.5. Validate Mapping

```
PUT /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

### 1.1.6. Get Mapping

```
GET /mapping/{mappingFormat}/{mappingId}
```

#### Description

Retrieve a mapping file saved on the server

#### Parameters

Type	Name	Description	Schema
Path	<b>mappingFormat</b> at <i>required</i>	Mapping Format	string
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
500	Mapping file access error	No Content

## Produces

- [application/json](#)
- [application/xml](#)
- [application/octet-stream](#)

### 1.1.7. Create Mapping

```
PUT /mapping/{mappingFormat}/{mappingId}
```

## Description

Save a mapping file on the server

## Parameters

Type	Name	Description	Schema
Path	<b>mappingForm</b> at <i>required</i>	Mapping Format	string
Path	<b>mappingId</b> <i>required</i>	Mapping ID	string

## Responses

HTTP Code	Description	Schema
200	Succeeded	No Content
500	Mapping file save error	No Content

## Consumes

- [application/json](#)

- application/xml
- application/octet-stream

## Produces

- application/json

### 1.1.8. Update Mapping

```
POST /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

### 1.1.9. Remove Mapping

```
DELETE /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

## 1.1.10. List Mappings

```
GET /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	StringMap

## Produces

- application/json

## 1.1.11. Ping

```
GET /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
<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>	ActionParameters
<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)

Name	Schema
<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. AtlasLibraryLoader

Name	Schema
<b>empty</b> <i>optional</i>	boolean
<b>parent</b> <i>optional</i>	<a href="#">ClassLoader</a>

## 1.2.7. 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>
<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>

## 1.2.8. AtlasMappingResult

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

## 1.2.9. 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

## 1.2.10. Audits

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

## 1.2.11. BaseMapping

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

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

## 1.2.12. ClassLoader

Name	Schema
<b>parent</b> <i>optional</i>	ClassLoader

## 1.2.13. 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

## 1.2.14. Constants

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

## 1.2.15. DataSource

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

Name	Schema
<b>id</b> <i>optional</i>	string
<b>uri</b> <i>optional</i>	string

## 1.2.16. 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

Name	Schema
<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

## 1.2.17. FieldGroup

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

### 1.2.18. 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

### 1.2.19. LookupTable

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

## 1.2.20. LookupTables

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

## 1.2.21. 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>inputFieldGroup</b> <i>optional</i>	<a href="#">FieldGroup</a>
<b>lookupTableName</b> <i>optional</i>	string

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

## 1.2.22. Mappings

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

## 1.2.23. 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>

## 1.2.24. Properties

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

## 1.2.25. 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

## 1.2.26. StringMap

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

## 1.2.27. StringMapEntry

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

## 1.2.28. TargetDocument

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

## 1.2.29. 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)

## 1.2.30. 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 /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 /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 /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 /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>canonicalClassName</b> <i>optional</i>	string
<b>className</b> <i>optional</i>	string

Name	Schema
<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>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

Name	Schema
<b>modifiers</b> <i>required</i>	<a href="#">ModifierList</a>
<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>

Name	Schema
<b>arrayDimensions</b> <i>optional</i>	integer (int32)
<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)

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

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>format</b> <i>optional</i>	string
<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

Name	Schema
<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 /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 /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 /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 /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 /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 /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