

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 | ActionDetails |

Produces

- `application/json`

1.1.2. Process Mapping

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

Description

Process Mapping by feeding input data

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------------|--|
| 200 | Return a mapping result | ProcessMappingResponse |
| 204 | Skipped empty mapping execution | No Content |

Consumes

- `application/json`

Produces

- `application/json`

1.1.3. Validate Mapping

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

Description

Validate mapping file

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------------|-----------------------------|
| 200 | Return a validation result | Validations |

Consumes

- `application/json`

Produces

- `application/json`

1.1.4. Create Mapping

```
PUT /v2/atlas/mapping/{mappingFormat}
```

Description

Save a mapping file on the server

Parameters

| Type | Name | Description | Schema |
|------|---|----------------|--------|
| Path | mappingFormat <i>required</i> | Mapping Format | string |

Responses

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

Consumes

- `application/json`
- `application/xml`
- `application/octet-stream`

Produces

- `application/json`

1.1.5. Get Mapping

```
GET /v2/atlas/mapping/{mappingFormat}/{mappingId}
```

Description

Retrieve a mapping file saved on the server

Parameters

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

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------------|------------------------------|
| 200 | Return a mapping file content | AtlasMapping |
| 204 | Mapping file was not found | No Content |

Produces

- `application/json`
- `application/xml`

- `application/octet-stream`

1.1.6. Update Mapping

POST /v2/atlas/mapping/{mappingId}

Description

Update existing mapping file on the server

Parameters

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

Responses

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

Consumes

- `application/json`

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 | mappingId <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 | filter <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`

1.1.9. 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 |
|--|---|
| className <i>optional</i> | string |
| custom <i>optional</i> | boolean |
| method <i>optional</i> | string |
| name <i>optional</i> | string |
| parameters <i>optional</i> | ActionParameters |
| sourceCollectionType <i>optional</i> | enum (ALL, ARRAY, LIST, MAP, NONE) |
| sourceType <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) |
| targetCollectionType <i>optional</i> | enum (ALL, ARRAY, LIST, MAP, NONE) |

| Name | Schema |
|--------------------------------------|---|
| targetType <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 |
|--|--|
| actionDetail <i>optional</i> | < ActionDetail > array |

1.2.3. ActionParameter

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

1.2.4. ActionParameters

| Name | Schema |
|-------------------------------------|---|
| parameter <i>optional</i> | < ActionParameter > array |

1.2.5. Actions

Type : object

1.2.6. AtlasMapping

| Name | Schema |
|--|--------------------------------------|
| constants <i>optional</i> | Constants |
| dataSource <i>required</i> | < DataSource > array |
| lookupTables <i>optional</i> | LookupTables |
| mappings <i>required</i> | Mappings |
| name <i>optional</i> | string |
| properties <i>optional</i> | Properties |

1.2.7. AtlasMappingResult

| Name | Schema |
|---|--|
| audits <i>optional</i> | Audits |
| targetDocuments <i>optional</i> | < TargetDocument > array |

1.2.8. Audit

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

1.2.9. Audits

| Name | Schema |
|---------------------------------|---------------------------------|
| audit <i>optional</i> | < Audit > array |

1.2.10. BaseMapping

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

1.2.11. Constant

| Name | Schema |
|-------------------------------------|---|
| fieldType <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 <i>optional</i> | string |
| value <i>optional</i> | string |

1.2.12. Constants

| Name | Schema |
|------------------------------------|------------------------------------|
| constant <i>optional</i> | < Constant > array |

1.2.13. DataSource

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

1.2.14. Field

| Name | Schema |
|---|-------------------------|
| actions <i>optional</i> | Actions |
| arrayDimensions <i>optional</i> | integer (int32) |

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

1.2.15. LookupEntry

| Name | Schema |
|---------------------------------------|---|
| sourceType <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) |
| sourceValue <i>optional</i> | string |
| targetType <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) |
| targetValue <i>optional</i> | string |

1.2.16. LookupTable

| Name | Schema |
|---------------------------------------|---------------------------------------|
| description <i>optional</i> | string |
| lookupEntry <i>optional</i> | < LookupEntry > array |
| name <i>optional</i> | string |

1.2.17. LookupTables

| Name | Schema |
|---------------------------------------|---------------------------------------|
| lookupTable <i>optional</i> | < LookupTable > array |

1.2.18. Mapping

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

1.2.19. Mappings

| Name | Schema |
|-----------------------------------|---------------------------------------|
| mapping <i>optional</i> | < BaseMapping > array |

1.2.20. ProcessMappingResponse

| Name | Schema |
|--|------------------------------------|
| atlasMappingResult <i>optional</i> | AtlasMappingResult |
| audits <i>optional</i> | Audits |
| mapping <i>optional</i> | Mapping |

1.2.21. Properties

| Name | Schema |
|------------------------------------|------------------------------------|
| property <i>optional</i> | < Property > array |

1.2.22. Property

| Name | Schema |
|-------------------------------------|---|
| fieldType <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 <i>optional</i> | string |
| value <i>optional</i> | string |

1.2.23. StringMap

| Name | Schema |
|--|--|
| stringMapEntry <i>optional</i> | < StringMapEntry > array |

1.2.24. StringMapEntry

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

1.2.25. TargetDocument

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

1.2.26. Validation

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

1.2.27. Validations

| Name | Schema |
|--------------------------------------|--------------------------------------|
| validation <i>optional</i> | < Validation > 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 | JavaClass |

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 | className <i>optional</i> | The fully qualified class name to inspect | string |

Responses

| HTTP Code | Description | Schema |
|-----------|---|---------------------------|
| 200 | Return a Document object represented by JavaClass | JavaClass |

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 | MavenClasspathResponse |

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 | from <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 |
|---|----------------------------|
| actions <i>optional</i> | Actions |
| anonymous <i>optional</i> | boolean |
| annotation <i>optional</i> | boolean |
| annotations <i>optional</i> | StringList |
| arrayDimensions <i>optional</i> | integer (int32) |
| arraySize <i>optional</i> | integer (int32) |
| className <i>optional</i> | string |
| collectionClassName <i>optional</i> | string |

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

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

2.2.3. JavaEnumField

| Name | Schema |
|---|-------------------------|
| actions <i>optional</i> | Actions |
| arrayDimensions <i>optional</i> | integer (int32) |

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

2.2.4. JavaEnumFields

| Name | Schema |
|---|---|
| javaEnumField <i>optional</i> | < JavaEnumField > array |

2.2.5. JavaField

| Name | Schema |
|---|---|
| actions <i>optional</i> | Actions |
| annotations <i>optional</i> | StringList |
| arrayDimensions <i>optional</i> | integer (int32) |
| arraySize <i>optional</i> | integer (int32) |
| className <i>optional</i> | string |
| collectionClassName <i>optional</i> | string |
| collectionType <i>optional</i> | enum (ALL, ARRAY, LIST, MAP, NONE) |
| docId <i>optional</i> | string |
| fieldType <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) |
| format <i>optional</i> | string |

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

2.2.6. JavaFields

| Name | Schema |
|-------------------------------------|-------------------------------------|
| javaField <i>optional</i> | < JavaField > array |

2.2.7. MavenClasspathResponse

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

2.2.8. ModifierList

| Name | Schema |
|------------------------------------|--|
| modifier <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 |
|----------------------------------|------------------|
| string <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 | JsonInspectionResponse |

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 | uri <i>optional</i> | URI for JSON schema or instance | string |

Responses

| HTTP Code | Description | Schema |
|-----------|--|------------------------------|
| 200 | Return a Document object represented by JsonDocument | JsonDocument |

Produces

- `application/json`

3.1.3. Simple

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

Description

Simple hello service

Parameters

| Type | Name | Description | Schema |
|-------|--------------------------------|-------------|--------|
| Query | from <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 |
|---|---|
| actions <i>optional</i> | Actions |
| arrayDimensions <i>optional</i> | integer (int32) |
| arraySize <i>optional</i> | integer (int32) |
| collectionType <i>optional</i> | enum (ALL, ARRAY, LIST, MAP, NONE) |
| docId <i>optional</i> | string |
| fieldType <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) |
| format <i>optional</i> | string |
| index <i>optional</i> | integer (int32) |
| path <i>optional</i> | string |
| required <i>optional</i> | boolean |
| status <i>optional</i> | enum (SUPPORTED, UNSUPPORTED, CACHED, ERROR, NOT_FOUND, BLACK_LIST) |
| value <i>optional</i> | object |

3.2.3. Fields

| Name | Schema |
|---------------------------------|---------------------------------|
| field <i>optional</i> | < Field > array |

3.2.4. JsonDocument

| Name | Schema |
|----------------------------------|------------------------|
| fields <i>required</i> | Fields |

3.2.5. JsonInspectionResponse

| Name | Schema |
|---|------------------------------|
| errorMessage <i>optional</i> | string |
| executionTime <i>optional</i> | integer (int64) |
| jsonDocument <i>optional</i> | JsonDocument |

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 | XmlInspectionResponse |

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 | type <i>optional</i> | string |
| Query | uri <i>optional</i> | string |

Responses

| HTTP Code | Description | Schema |
|-----------|---|-----------------------------|
| 200 | Return a Document object represented by XmlDocument | XmlDocument |

Produces

- `application/json`

4.1.3. Simple

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

Description

Simple hello service

Parameters

| Type | Name | Schema |
|-------|--------------------------------|--------|
| Query | from <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 |
|---|---|
| actions <i>optional</i> | Actions |
| arrayDimensions <i>optional</i> | integer (int32) |
| arraySize <i>optional</i> | integer (int32) |
| collectionType <i>optional</i> | enum (ALL, ARRAY, LIST, MAP, NONE) |
| docId <i>optional</i> | string |
| fieldType <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) |
| format <i>optional</i> | string |
| index <i>optional</i> | integer (int32) |
| path <i>optional</i> | string |
| required <i>optional</i> | boolean |
| status <i>optional</i> | enum (SUPPORTED, UNSUPPORTED, CACHED, ERROR, NOT_FOUND, BLACK_LIST) |
| value <i>optional</i> | object |

4.2.3. Fields

| Name | Schema |
|---------------------------------|---------------------------------|
| field <i>optional</i> | < Field > array |

4.2.4. XmlDocument

| Name | Schema |
|---|-------------------------------|
| fields <i>required</i> | Fields |
| xmlNamespaces <i>required</i> | XmlNamespaces |

4.2.5. XmlInspectionResponse

| Name | Schema |
|---|-----------------------------|
| errorMessage <i>optional</i> | string |
| executionTime <i>optional</i> | integer (int64) |
| xmlDocument <i>optional</i> | XmlDocument |

4.2.6. XmlNamespace

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

4.2.7. XmlNamespaces

| Name | Schema |
|---------------------------------|--|
| xmlns <i>optional</i> | < XmlNamespace > array |