|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **[Overview](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/overview-summary.html)** | [**Package**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/package-summary.html) | **Class** | [**Use**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/class-use/JsonPath.html) | [**Tree**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/package-tree.html) | [**Deprecated**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/deprecated-list.html) | [**Index**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/index-all.html) | [**Help**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/help-doc.html) | | |  |
|  |  |
|  |  |

**com.jayway.restassured.path.json  
Class JsonPath**

java.lang.Object

extended by **com.jayway.restassured.path.json.JsonPath**

public class **JsonPath** extends java.lang.Object

JsonPath is an alternative to using XPath for easily getting values from a Object document. It follows the Groovy dot notation syntax when getting an object from the document. You can regard it as an alternative to XPath for XML. E.g. given the following Object document:

{ "store": {

"book": [

{ "category": "reference",

"author": "Nigel Rees",

"title": "Sayings of the Century",

"price": 8.95

},

{ "category": "fiction",

"author": "Evelyn Waugh",

"title": "Sword of Honour",

"price": 12.99

},

{ "category": "fiction",

"author": "Herman Melville",

"title": "Moby Dick",

"isbn": "0-553-21311-3",

"price": 8.99

},

{ "category": "fiction",

"author": "J. R. R. Tolkien",

"title": "The Lord of the Rings",

"isbn": "0-395-19395-8",

"price": 22.99

}

],

"bicycle": {

"color": "red",

"price": 19.95

}

}

}

To get a list of all book categories:

List<String> categories = with(Object).get("store.book.category");

Get the first book category:

String category = with(Object).get("store.book[0].category");

Get the last book category:

String category = with(Object).get("store.book[-1].category");

Get all books with price between 5 and 15:

List<Map> books = with(Object).get("store.book.findAll { book -> book.price >= 5 && book.price <= 15 }");

|  |  |
| --- | --- |
| **Constructor Summary** | |
| [**JsonPath**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#JsonPath(java.io.File))(java.io.File file)           Instantiate a new JsonPath instance. |  |
| [**JsonPath**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#JsonPath(java.io.InputStream))(java.io.InputStream stream)           Instantiate a new JsonPath instance. |  |
| [**JsonPath**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#JsonPath(java.io.Reader))(java.io.Reader reader)           Instantiate a new JsonPath instance. |  |
| [**JsonPath**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#JsonPath(java.lang.String))(java.lang.String text)           Instantiate a new JsonPath instance. |  |
| [**JsonPath**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#JsonPath(java.net.URL))(java.net.URL url)           Instantiate a new JsonPath instance. |  |

|  |  |
| --- | --- |
| **Method Summary** | |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**from**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#from(java.io.File))(java.io.File file)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**from**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#from(java.io.InputStream))(java.io.InputStream stream)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**from**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#from(java.io.Reader))(java.io.Reader reader)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**from**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#from(java.lang.String))(java.lang.String text)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**from**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#from(java.net.URL))(java.net.URL url)           Instantiate a new JsonPath instance. |
| |  | | --- | | <T> T | | [**get**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#get())()           Get a Object graph with no named root element as a Java object. |
| |  | | --- | | <T> T | | [**get**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#get(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as a boolean. |
| boolean | [**getBoolean**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getBoolean(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as a boolean |
| byte | [**getByte**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getByte(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as a byte. |
| char | [**getChar**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getChar(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as a char. |
| double | [**getDouble**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getDouble(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as a double. |
| float | [**getFloat**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getFloat(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as a float. |
| int | [**getInt**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getInt(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as an int. |
| |  | | --- | | <T> T | | [**getJsonObject**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getJsonObject(java.lang.String))(java.lang.String path) |
| |  | | --- | | <T> java.util.List<T> | | [**getList**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getList(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as a list. |
| |  | | --- | | <T> java.util.List<T> | | [**getList**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getList(java.lang.String,%20java.lang.Class))(java.lang.String path, java.lang.Class<T> genericType)           Get the result of an Object path expression as a list. |
| long | [**getLong**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getLong(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as a long. |
| |  | | --- | | <K,V> java.util.Map<K,V> | | [**getMap**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getMap(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as a map. |
| |  | | --- | | <K,V> java.util.Map<K,V> | | [**getMap**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getMap(java.lang.String,%20java.lang.Class,%20java.lang.Class))(java.lang.String path, java.lang.Class<K> keyType, java.lang.Class<V> valueType)           Get the result of an Object path expression as a map. |
| |  | | --- | | <T> T | | [**getObject**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getObject(java.lang.String,%20java.lang.Class))(java.lang.String path, java.lang.Class<T> objectType)           Get the result of a Object path expression as a java Object. |
| short | [**getShort**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getShort(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as a short. |
| java.lang.String | [**getString**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#getString(java.lang.String))(java.lang.String path)           Get the result of an Object path expression as a string. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**given**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#given(java.io.File))(java.io.File file)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**given**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#given(java.io.InputStream))(java.io.InputStream stream)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**given**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#given(java.io.Reader))(java.io.Reader reader)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**given**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#given(java.lang.String))(java.lang.String text)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**given**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#given(java.net.URL))(java.net.URL url)           Instantiate a new JsonPath instance. |
| java.lang.String | [**prettify**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#prettify())()           Get the XML as a prettified string. |
| java.lang.String | [**prettyPrint**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#prettyPrint())()           Get and print the XML as a prettified string. |
| [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**setRoot**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#setRoot(java.lang.String))(java.lang.String rootPath)           Set the root path of the document so that you don't need to write the entire path. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**with**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#with(java.io.File))(java.io.File file)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**with**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#with(java.io.InputStream))(java.io.InputStream stream)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**with**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#with(java.io.Reader))(java.io.Reader reader)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**with**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#with(java.lang.String))(java.lang.String text)           Instantiate a new JsonPath instance. |
| static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html" \o "class in com.jayway.restassured.path.json) | [**with**](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html#with(java.net.URL))(java.net.URL url)           Instantiate a new JsonPath instance. |

|  |
| --- |
| **Methods inherited from class java.lang.Object** |
| clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait |

|  |
| --- |
| **Constructor Detail** |

**JsonPath**

public **JsonPath**(java.lang.String text)

Instantiate a new JsonPath instance.

**Parameters:**

text - The text containing the Object document

**JsonPath**

public **JsonPath**(java.net.URL url)

Instantiate a new JsonPath instance.

**Parameters:**

url - The url containing the Object document

**JsonPath**

public **JsonPath**(java.io.InputStream stream)

Instantiate a new JsonPath instance.

**Parameters:**

stream - The stream containing the Object document

**JsonPath**

public **JsonPath**(java.io.File file)

Instantiate a new JsonPath instance.

**Parameters:**

file - The file containing the Object document

**JsonPath**

public **JsonPath**(java.io.Reader reader)

Instantiate a new JsonPath instance.

**Parameters:**

reader - The reader containing the Object document

|  |
| --- |
| **Method Detail** |

**get**

public <T> T **get**()

Get a Object graph with no named root element as a Java object. This is just a short-cut for

get("");

or

get("$");

**Returns:**

The object matching the Object graph. This may be any primitive type, a List or a Map. A will be thrown if the object cannot be casted to the expected type.

**get**

public <T> T **get**(java.lang.String path)

Get the result of an Object path expression as a boolean.

**Parameters:**

path - The Object path.

**Returns:**

The object matching the Object path. This may be any primitive type, a List or a Map. A will be thrown if the object cannot be casted to the expected type.

**getBoolean**

public boolean **getBoolean**(java.lang.String path)

Get the result of an Object path expression as a boolean

**Parameters:**

path - The Object path.

**Returns:**

The object matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getChar**

public char **getChar**(java.lang.String path)

Get the result of an Object path expression as a char.

**Parameters:**

path - The Object path.

**Returns:**

The object matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getInt**

public int **getInt**(java.lang.String path)

Get the result of an Object path expression as an int.

**Parameters:**

path - The Object path.

**Returns:**

The int matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getByte**

public byte **getByte**(java.lang.String path)

Get the result of an Object path expression as a byte.

**Parameters:**

path - The Object path.

**Returns:**

The object matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getShort**

public short **getShort**(java.lang.String path)

Get the result of an Object path expression as a short.

**Parameters:**

path - The Object path.

**Returns:**

The object matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getFloat**

public float **getFloat**(java.lang.String path)

Get the result of an Object path expression as a float.

**Parameters:**

path - The Object path.

**Returns:**

The object matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getDouble**

public double **getDouble**(java.lang.String path)

Get the result of an Object path expression as a double.

**Parameters:**

path - The Object path.

**Returns:**

The object matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getLong**

public long **getLong**(java.lang.String path)

Get the result of an Object path expression as a long.

**Parameters:**

path - The Object path.

**Returns:**

The object matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getString**

public java.lang.String **getString**(java.lang.String path)

Get the result of an Object path expression as a string.

**Parameters:**

path - The Object path.

**Returns:**

The object matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getList**

public <T> java.util.List<T> **getList**(java.lang.String path)

Get the result of an Object path expression as a list.

**Type Parameters:**

T - The list type

**Parameters:**

path - The Object path.

**Returns:**

The object matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getList**

public <T> java.util.List<T> **getList**(java.lang.String path,

java.lang.Class<T> genericType)

Get the result of an Object path expression as a list.

**Type Parameters:**

T - The type

**Parameters:**

path - The Object path.

genericType - The generic list type

**Returns:**

The object matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getMap**

public <K,V> java.util.Map<K,V> **getMap**(java.lang.String path)

Get the result of an Object path expression as a map.

**Type Parameters:**

K - The type of the expected key

V - The type of the expected value

**Parameters:**

path - The Object path.

**Returns:**

The map matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getMap**

public <K,V> java.util.Map<K,V> **getMap**(java.lang.String path,

java.lang.Class<K> keyType,

java.lang.Class<V> valueType)

Get the result of an Object path expression as a map.

**Type Parameters:**

K - The type of the expected key

V - The type of the expected value

**Parameters:**

path - The Object path.

keyType - The type of the expected key

valueType - The type of the expected value

**Returns:**

The map matching the Object path. A will be thrown if the object cannot be casted to the expected type.

**getObject**

public <T> T **getObject**(java.lang.String path,

java.lang.Class<T> objectType)

Get the result of a Object path expression as a java Object. E.g. given the following Object document:

{ "store": {

"book": [

{ "category": "reference",

"author": "Nigel Rees",

"title": "Sayings of the Century",

"price": 8.95

},

{ "category": "fiction",

"author": "Evelyn Waugh",

"title": "Sword of Honour",

"price": 12.99

},

{ "category": "fiction",

"author": "Herman Melville",

"title": "Moby Dick",

"isbn": "0-553-21311-3",

"price": 8.99

},

{ "category": "fiction",

"author": "J. R. R. Tolkien",

"title": "The Lord of the Rings",

"isbn": "0-395-19395-8",

"price": 22.99

}

],

"bicycle": {

"color": "red",

"price": 19.95

}

}

}

And a Java object like this:

public class Book {

private String category;

private String author;

private String title;

private String isbn;

private float price;

public String getCategory() {

return category;

}

public void setCategory(String category) {

this.category = category;

}

public String getAuthor() {

return author;

}

public void setAuthor(String author) {

this.author = author;

}

public String getTitle() {

return title;

}

public void setTitle(String title) {

this.title = title;

}

public String getIsbn() {

return isbn;

}

public void setIsbn(String isbn) {

this.isbn = isbn;

}

public float getPrice() {

return price;

}

public void setPrice(float price) {

this.price = price;

}

}

Then

Book book = from(Object).getObject("store.book[2]", Book.class);

maps the second book to a Book instance.

**Type Parameters:**

T - The type of the expected object

**Parameters:**

path - The path to the object to map

objectType - The class type of the expected object

**Returns:**

The object

**prettify**

public java.lang.String **prettify**()

Get the XML as a prettified string.

**Returns:**

The XML as a prettified String.

**prettyPrint**

public java.lang.String **prettyPrint**()

Get and print the XML as a prettified string.

**Returns:**

The XML as a prettified String.

**given**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **given**(java.lang.String text)

Instantiate a new JsonPath instance.

**Parameters:**

text - The text containing the Object document

**given**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **given**(java.io.InputStream stream)

Instantiate a new JsonPath instance.

**Parameters:**

stream - The stream containing the Object document

**given**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **given**(java.io.File file)

Instantiate a new JsonPath instance.

**Parameters:**

file - The file containing the Object document

**given**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **given**(java.io.Reader reader)

Instantiate a new JsonPath instance.

**Parameters:**

reader - The reader containing the Object document

**given**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **given**(java.net.URL url)

Instantiate a new JsonPath instance.

**Parameters:**

url - The URL containing the Object document

**with**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **with**(java.io.InputStream stream)

Instantiate a new JsonPath instance.

**Parameters:**

stream - The stream containing the Object document

**with**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **with**(java.lang.String text)

Instantiate a new JsonPath instance.

**Parameters:**

text - The text containing the Object document

**with**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **with**(java.io.File file)

Instantiate a new JsonPath instance.

**Parameters:**

file - The file containing the Object document

**with**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **with**(java.io.Reader reader)

Instantiate a new JsonPath instance.

**Parameters:**

reader - The reader containing the Object document

**with**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **with**(java.net.URL url)

Instantiate a new JsonPath instance.

**Parameters:**

url - The URI containing the Object document

**from**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **from**(java.io.InputStream stream)

Instantiate a new JsonPath instance.

**Parameters:**

stream - The stream containing the Object document

**from**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **from**(java.lang.String text)

Instantiate a new JsonPath instance.

**Parameters:**

text - The text containing the Object document

**from**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **from**(java.io.File file)

Instantiate a new JsonPath instance.

**Parameters:**

file - The file containing the Object document

**from**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **from**(java.io.Reader reader)

Instantiate a new JsonPath instance.

**Parameters:**

reader - The reader containing the Object document

**from**

public static [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **from**(java.net.URL url)

Instantiate a new JsonPath instance.

**Parameters:**

url - The URI containing the Object document

**setRoot**

public [JsonPath](https://www.javadoc.io/static/com.jayway.restassured/rest-assured/1.6.1/com/jayway/restassured/path/json/JsonPath.html) **setRoot**(java.lang.String rootPath)

Set the root path of the document so that you don't need to write the entire path. E.g.

final JsonPath jsonPath = new JsonPath(Object).setRoot("store.book");

assertThat(jsonPath.getInt("size()"), equalTo(4));

assertThat(jsonPath.getList("author", String.class), hasItem("J. R. R. Tolkien"));

**Parameters:**

rootPath - The root path to use.

**getJsonObject**

public <T> T **getJsonObject**(java.lang.String path)