

Annotations

This table attempts to document the annotations that can be used by jclouds developers to write cloud APIs. These annotations are used by the RestAnnotationProcessor to help produce the requests and consume the responses. There are many combinations and interactions between the annotations. Please document them as you discover them.

Annotati on	Tar get	Applies To	Purpose	Java Example	Output Example
@Consumes	Type	Request Headers	Add or replace the Accept header for every call in the Type with whatever value you specify.	@Consumes(MediaType.APPLICATION_JSON) public interface MyCloudApi extends Closeable	Accept: application/json
@MapBinder	Method	Request Body	Allows mapping @PayloadParams to a custom-structured construct of Map<> by using a binder class	@MapBinder (ComplexCreateSomethingRequest Binder.class)	A set of parameters to A complex request such as a large nested json structure
@ResponseParser	Method	Response Body	Specify a Function class that will be used to apply a JSON transform (for example) or another type or response parsing	@ResponseParser (ParsePasswordFromRootedInstance.class)	{ "user": { "name": "root", "password": "12345" } } to 12345
@SelectJson	Method	Response Body	Extracts the value for the specified key	@SelectJson("keyName")	{ "keyName": { "name": "example.com" } } to { "name": "example.com" }
@Unwrap	Method	Response Body	Unwraps a value nested one level deep	@Unwrap	{ "foo": "bar" } to "bar"
@WrapWith	Method	Request Body	Wraps the payload in json nested one level deep	@WrapWith("domains") create (Iterable<CreateDomain> createDomains)	{ "domains": [{ "name": "example.com", ... }, { ... }] }
@WrapWith	Parameter	Request Body	Wraps the payload in json nested one level deep	create(@WrapWith("domains") Iterable<CreateDomain> createDomains)	{ "domains": [{ "name": "example.com", ... }, { ... }] }