

Cheat Sheet

for Backbone.js (1/2)



Example: **optionsWithResultCallback**

```
{
  success: function(result) {}
}
```

Refclassname: Name of class of referenced Model
Classname: Name of Model

Propertyname: Name of property on Model object
Propertyclass: Class of property

options: All options which are provided by Backbone.js can be used here

optionsWithQuery: All Backbone.js options including an additional field „search“ where you can add a query (for additional information about queries see next page)

Working with Users

(User class) Don't forget to set username/password

Goal	Command	Parameter
Create a user	save()	attributes, options
Load a user	fetch()	optionsWithQuery

Handling Objects

Doing CRUD operations on models

Goal	Command	Parameter
Create an object	save()	attributes, options
Load an object	loadByHref()	id of the object
Reload an object	fetch()	
Update an object	save()	attributes, options
Delete an object	destroy	options
Read a list of objects	fetch()	options, bool withReferencedHrefs

Working with properties of objects

How to use properties of models

Goal	Command	Parameter	Return Value
Get a property	get("<PropertyName>")		Object of Class <Propertyclass>
Set a property	set()	key-value pair	
Set multiple properties	set()	a list of key-value pairs	
Get geo points	set<Propertyname>Longitude() set<Propertyname>Latitude()		double
Set geo points	set<Propertyname>Longitude() set<Propertyname>Latitude()	double coordinate	string
Upload a resource	post<Propertyname>()	byte[], data, options	string
Get URL of a resource	get<Propertyname>URL()		string
Get scale URL of an image	get<Propertyname>URL()	options (including: int imgWidth, int imgHeight, string imgBgColorAsHex, double imgAlpha, string imgFormat)	

Working with References

Goal	Command	Parameter
CreateReference	post<Propertyname>()	_refData (object of type <RefClassname>, options
ReadReference	load<Propertyname>()	optionsWithQuery
DeleteReference	remove<propertyname>()	

Operation	Keyword	Example
LimitResult	limit	limit 10
PageResult	offset	offset 2
OrderResultASC	order by	firstName != null order by createdAt
OrderResultDESC	order by	firstName != null order by createdAt DESC

Query String

Operation	Keyword	Example
Equals	==	firstName == "John"
StartsWith	startsWith	firstName startswith "Jo"
Like	like	firstName like "John"

Query Number/Date

Operation	Keyword	Example
Equals	==	age == 24
NotEquals	!=	age != 23
GreaterThan	>	age > 23
GreatherEqualThan	>=	age >= 23
LowerThan	<	age < 22
LowerEqualThan	<=	age <= 22
QueryDate	date(<unix_timestamp_in_ms>)	birthdate >= date(1347600117535)

Query Location

Operation	Keyword	Example
WithinRadius	within [<lat>, <lng>, <radius_in_km>]	place within [11.5, 50.3, 10.0]
NearPoint	near [<lat>, <lng>]	place near [11.5, 50.3]
CombineGeoWithOtherQuery	<geo_query> filter <other_query>	place near [11.5, 50.3] filter name == "Restaurant"

Query Reference

Operation	Keyword	Example
QueryForPropertyOfReference	<ReferencePropertyName>.<PropertyName> <where_clause>	users.age > 30 (users is the <ReferencePropertyName> and age is the property <PropertyName> of the referenced <Refclassname>)