

OrientX database protocols (Firebase)

Activity Package Protocol		
database reference collection : "Activity"		
Key	Type	Description
ActivityName	String	Name of the activity
ID	String	ID of the activity
DataSrc	String	Media source
DataType	Enum (Int)	Media type
	0 : Undefined	
	1 : Image	
	2 : Video	
	3 : Sound	
	4 : Game	
Desc	String	Activity description
Questions	List<String>	Question alternatives
QuestType	Enum (Int)	
	0 : Undefined	
	1 : Single	
	2 : Multiple	
Answers	List<String>	Correct answer(s)
Duration	Int	Time to answer

Station Protocol		
database reference collection : "Stations"		
Key	Type	Description
Name	String	Name of the station
ID	String	ID of the station
Desc	String	Station description
Point	GeoPoint	Geographical location (See Firebase docs)
ResourceURL	String	Station thumbnail image URL

Track Protocol		
database reference collection : "Tracks"		
Key	Type	Description
ID	String	ID of the track
StationIDs	List<String>	List of station ids
ActivityIDs	List<String>	List of activity ids