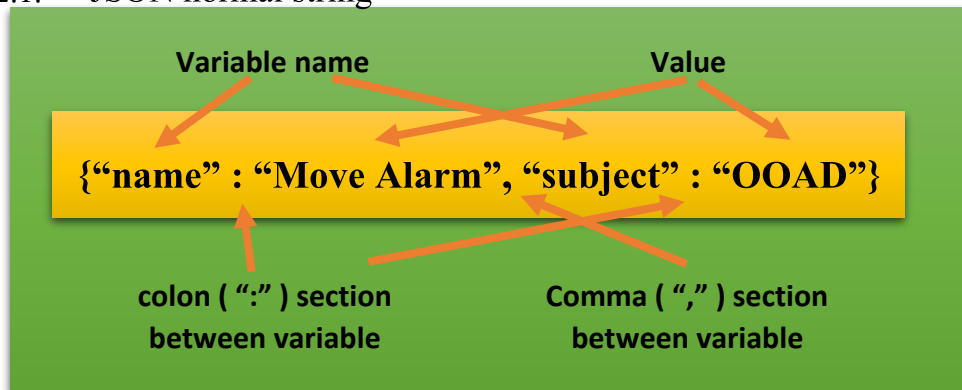


Move Alarm API

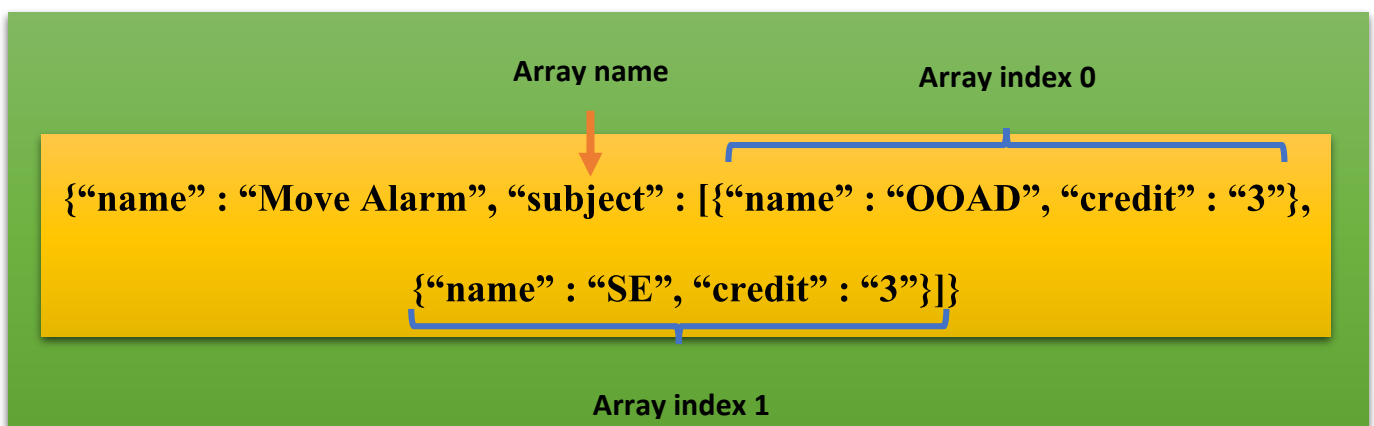
API Data formats

1. String format : normal text
2. JSON

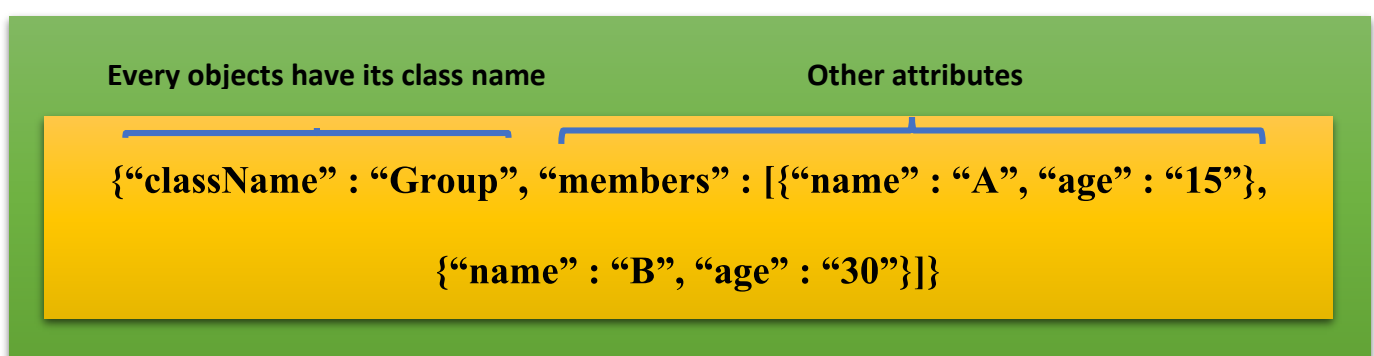
2.1. JSON normal string



2.2. JSON normal string with array



2.3. JSON inform of Move Alarm API Object



2.4. JSON inform of Process Status Description Format (PSDF)

Status of process (true of false)

```
{“status” : “false”, “description” : “An error has occurred while saving the  
data to the database”}
```

Description of status of process

2.5. JSON inform of Process Status Description Format (PSDF) with normal string

```
{“status” : “false”, “description” : “An error has occurred while saving the  
data to the database”, “username” : “AKB48”}
```

Other attributes

Server Status API

API description	url	Method	Parameters	Actual parameters	Returned value	Actual returned values
Check server connection	/test/serverConnection	GET			JSON	PSDF
Check connection between API server and database server	/test/databaseServerConnection	GET			JSON	PSDF
Test sending parameter to API server	/test/passParameter	GET/POST	String param	String param	JSON	String param + PSDF
Test querying data from database server to API server	/test/queryingData	GET			JSON	String data + PSDF

User API

API description	url	Method	Parameters	Actual parameters	Returned value	Actual returned values
Find user by an id	/user/findByID	POST	int id	int id	JSON	User + PSDF
Find user by condition	/user /findByWhere	POST	String columnName, operator, value	String columnName, operator, value	JSON	User[] users + PSDF
Find user by ranking	/user /findByRank	POST	String startRank, endRank	String startRank, endRank	JSON	User[] users + PSDF
Get all users	/user /getAllUsers	GET			JSON	User[] users + PSDF
Create new user	/user /createUser	POST	String JSON	User user	JSON	User user + PSDF
Update or change user's fields	/user /updateUser	POST	String JSON	User user	JSON	PSDF
Change user's password	/user /changePassword	POST	String JSON	User user String oldPassword, newPassword, confirmPassword	JSON	PSDF
Delete a user	/user/delete	POST	String JSON	User user	JSON	PSDF
Count every user in database	/user /countAllUsers	GET			JSON	User[] users + PSDF
Check user's rank	/user /getUserRank	POST	String JSON	User user	String	int

API description	url	Method	Parameters	Actual parameters	Returned value	Actual returned values
Increase user's score	/user/increaseScore	POST	String JSON	User user int score String description	String JSON	PSDF
Decrease user's score with description	/user/decreaseScore	POST	String JSON	User user int score String description	String JSON	PSDF
Reset user's score	/user/resetScore	POST	String JSON	User user	String JSON	PSDF
login	/user/login	POST	String userName, password	String userName, password	String JSON	User user + Group group + PSDF
Login with Facebook	/user/loginFacebook	POST	String facebookID, facebookFirstName	String facebookID, facebookFirstName	String JSON	User user + Group group + PSDF
Get progress log by user	/userProgress/getByUser	POST	String JSON	User user	String JSON	UserActivityProgress progress + PSDF
Save progress to database	/userProgress/update	POST	String JSON	User user UserActivityProgress activityProgress	String JSON	PSDF

Group API

API description	url	Method	Parameters	Actual parameters	Returned value	Actual returned values
Find group by an id	/group/findById	POST	int id	int id	String JSON	Group + PSDF
Find group by condition	/group /findByWhere	POST	String columnName, operator, value	String columnName, operator, value	String JSON	Group[] groups + PSDF
Find group by ranking	/group /findByRank	POST	String startRank, endRank	String startRank, endRank	String JSON	Group[] groups + PSDF
Get all group	/group /getAllGroups	GET			String JSON	Group[] groups + PSDF
Create new group	/group /createGroup	POST	String JSON	Group group	String JSON	PSDF
Update or change group's fields	/group /updateGroup	POST	String JSON	Group group	String JSON	PSDF
Delete a group	/group/delete	POST	String JSON	Group group	String JSON	PSDF
Check group's rank	/group /getGroupRank	POST	String JSON	Group group	String JSON	int
Increase group's score	/group /increaseScore	POST	String JSON	Group group int score String description	String JSON	PSDF
Decrease group's score with description	/group /decreaseScore	POST	String JSON	Group group int score String description	String JSON	PSDF
Reset group's score	/group/resetScore	POST	String JSON	Group group	String JSON	PSDF

API description	url	Method	Parameters	Actual parameters	Returned value	Actual returned values
Delete a member	/group /deleteMember	POST	String JSON	Group group User member	String JSON	PSDF
Add a member	/group / addMember	POST	String JSON	Group group User member	String JSON	PSDF
Get progress log by group	/groupProgress/ getByGroup	POST	String JSON	Group group	String JSON	GroupActivityProgress progress + PSDF
Save progress to database	/groupProgress/ update	POST	String JSON	Group group GroupActivityProgress activityProgress	String JSON	PSDF

Event API

API description	url	Method	Parameters	Actual parameters	Returned value	Actual returned values
Get activity event	/event/getEvent	GET			String JSON	Date time + Posture[] postures