

State Machine RPC Protocols

Version	Date	Author	Comment
0.1	16/Jan/06	IvanGan	Initial Draft
0.2	16/Jan/25	IvanGan	add uutinfo for START command

1. Protocol Layer

Request

The request will be serialized into json format before being sent over the socket.

1. Set UUT Serial Number

Field Names	Content of the Field
function	SETUUTSN
uut	slot of UUT, 0 ,1, ...
sn	serial number

Lua Json Format : {"function":"SETUUTSN","uut":1,"sn":"abcdefgh"}

2. Set UUT Enable or not

Field Names	Content of the Field
function	UUTENABLE
uut	slot of UUT, 0 ,1, ...
enable	1 or 0 (1:enable, 0:disable)

Lua Json Format : {"function":"UUTENABLE","uut":1,"enable":1}

3. Start Test

Field Names	Content of the Field
function	START
times	This is unnecessary, this is for loop test.
uutinfo	This is unnecessary, it will set UUTx enable and its SN,if a table of table with uut and sn
uut	This is unnecessary. it is a list, the same action of Set UUT Enable or not
sn	This is unnecessary. it is a list, the same action of Set UUT Serial Number

Lua Json Format : {"function":"START"}

```
{“function”:”START”,”times”:10}  
{“function”:”START”,”uutinfo”:[{“sn”:”abcdefg”,”uut”:1},{“sn”:”hijklmn”,”uut”:2}]”}
```

Response

These are the valid fields in a response:

Field Names	Content of the Field
status	ok or fail

The response will be serialized into json format before being sent over the socket.

