Comelit serial bridge API   
version 2.5.1

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# ***icon\_desc***

Get the information about areas description and current state of outputs

**End point**

/user/icon\_desc.json

**Method**: GET

**Parameters**

|  |  |  |
| --- | --- | --- |
| param | value | description |
| type | light| | Type of output to get information |
|  |  |  |

**Returns**:

|  |  |  |
| --- | --- | --- |
| param | value | description |
| num | int | The total number of outputs |
| desc | arrayof[string] | The descriptions of outputs [ordered] |
| env | arrayOf[int] | The relationship between outputs and environments. The output in position x is connected to the environment [y] where y is the value in the array. |
| status | arrayOf[bool] | The current status of outputs [ordered]. 0 Off; 1:ON |
| val | arrayOf[bool] | ??? |
| type | bool | The type pf output 0=normal; 1=Temporized |
| protected | arrayOf[bool] | ??? |
| env\_desc | arrayOf[string] | The descriptions of groups of outputs (environments) |

**Sample**

*http://192.168.1.252/user/icon\_desc.json?type=light&\_=1474124956112*

**Response**

|  |
| --- |
| {  "num": 17,  "desc": ["Sala - tavolo", "Sala - parete", "Cucina", "Corridoio P0", "Corridoio P1", "Scala", "Luce bagno P0", "Luce bagno P1", "Lavanderia", "Camera da letto", "Studio", "Lettura - libreria", "Lettura", "Palestra", "Luci giardino", "Luce balcone", "Mansarda"],  "env": [1, 1, 1, 2, 2, 2, 3, 3, 4, 6, 7, 7, 7, 7, 9, 9, 10],  "status": [0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0],  "val": [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0],  "type": [0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0],  "protected": [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0],  "env\_desc": ["", "Living", "Passaggi", "Bagno", "Lavanderia", "Allarmi", "Notte", "Svago", "Riscaldamento", "Esterno", "Mansarda"]  } |

# ***icon\_status***

Get the information the current status of outputs

**End point**

/user/icon\_status.json

**Method**: GET

**Parameters**

|  |  |  |
| --- | --- | --- |
| param | value | description |
| type | light| | Type of output to get information |
|  |  |  |

**Returns**:

|  |  |  |
| --- | --- | --- |
| param | value | description |
| life | int | ?? |
| domus | string | ?? |
| status | arrayOf[bool] | The current status of outputs [ordered]. 0 Off; 1:ON |
| val | arrayOf[bool] | ??? |

**Sample**

*http://192.168.1.252/user/icon\_status.json?type=light&\_=1474124956112*

**Response**

|  |
| --- |
| {  "life": 0,  "domus": "1000C0C0000S",  "status": [0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0],  "val": [0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]  } |

# ***action***

Set the a value on an output

**End point**

/ user/action.cgi?type=light&num1=11

**Method**: GET

**Parameters**

|  |  |  |
| --- | --- | --- |
| param | value | description |
| type | light| | Type of output to get information |
| num0 | Int | The number of output to turn OFF |
| num1 | int | The number of output to turn ON |
| env0 | int | The number of environment to turn OFF |
| env1 | int | The number of environment to turn ON |

**Remarks**

When use *env* parameter, all the output assigned to the environment receive the command.  
If you use an array of *num* parameters (e.g.: num0=11&num1=12&num1=13) the result is not predictive. Sometimes the command is sent to each output, sometimes no.   
If you use a sequence of conflicted commands like num0=12&num1=12 seems to win the num0 command but can be a coincidence.

**Returns**:

|  |  |
| --- | --- |
| value | description |
| [number] | The number of outputs affected |

**Sample NUM**

Turn Off the output number 11

*http://192.168.1.252/user/action.cgi?type=light&num0=11&\_=1474125135601*

**Response**

|  |
| --- |
| 1 |

**Sample ENV**

Turn ON the all the output of environment 1 which has 2 outputs inside.

*http://192.168.1.252/user/action.cgi?type=light&env1=1&\_=1474125135601*

**Response**

|  |
| --- |
| 2 |