

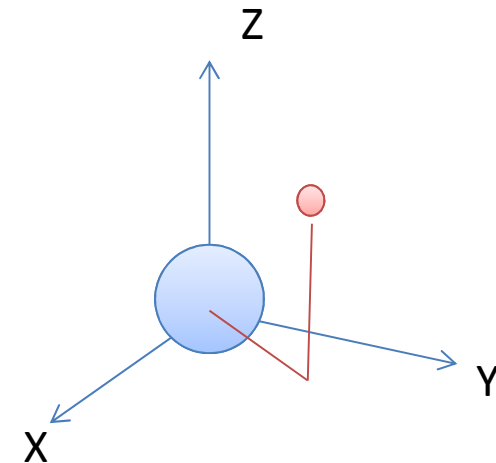
# JSON Web Service API

## My location in the space

This API returns my location of the space in the cartesian coordinate system.

<http://49.212.135.104/mylocation.php?lat=35.66&lon=139.68>

```
{
  "datetime" : {"2012-04-22T04:53:58"}
  "location" : [
    {"MYPOS": [2308.43, 4641.82, 3715.54]} ← my location !!
    {"SUN": [127121725.10, 73728606.47, 31962607.78]}
    {"MERCURY": [135147419.26, 13808179.40, -877884.36]}
    {"VENUS": [19763999.59, 64894268.90, 34781396.34]}
    {"EARTH": [0.00, 0.00, 0.00]}
    {"MARS": [-117776568.83, 50752320.22, 28038229.40]}
    {"JUPITER": [596347674.28, 612177836.08, 251333119.21]}
    {"URANUS": [3119599646.73, 312045005.31, 94020472.92]}
    {"NEPTUNE": [4044830252.26, -1916189213.10, -880040656.17]}
    {"PLUTO": [771482534.72, -4427091449.93, -1566594990.56]}
    {"MOON": [301555.03, 243810.06, 121486.75]}
  ]
}
```



# GET parameters

Parameter	Description	Default value
lat	Latitude [deg.] on the Earth	0
lon	Longitude [deg.] on the Earth	0
t	Time in UTC (yyyy-mm-ddThh:mm:ss)	(Current time)
obs	Observing target (origin)	EARTH
ref	Reference frame	J2000
efrm	Earth-fixed frame (IAU_EARTH or ITRF93)	IAU_EARTH