

# Console

De Wiki

Aller à : [navigation](#), [rechercher](#)

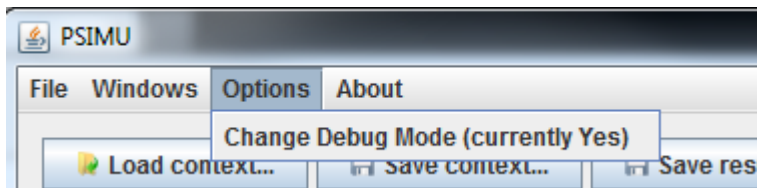
[Console](#)

*Note : The content of the console has been changed since V11.6.x version.*

This tab will contain alphanumeric output data displayed for each propagation. Basically, you will only have information as follows:

```
----- PSIMU -----
Propagation starts ...
Initial conditions:
Date (UTC):                2000-01-01T00:00:00.000
Frame:                     EME2000
Mass:                      0.000 kg
Geocentric altitude:      621.864 km
Geodetic altitude:       621.864 km
Semi major axis:         7000.000 km
Eccentricity:            0.00000001
Inclination:             0.000 deg
RAAN:                    112.312 deg
Argument of perigee:     -112.312 deg
Mean anomaly:            -0.000 deg
Final conditions:
Final Date (UTC):        2000-01-02T00:00:00.000
Propagation duration:    86400.000 s
Frame:                   EME2000
Mass:                    0.000 kg
Geocentric altitude:    621.864 km
Geodetic altitude:     621.864 km
Semi major axis:       7000.000 km
Eccentricity:          0.00000001
Inclination:           0.000 deg
RAAN:                  112.312 deg
Argument of perigee:   -112.311 deg
Mean anomaly:          -63.481 deg
Propagation ends
Computation time for propagation: 3.487 seconds
```

But if you activate the debug mode ...



... you will obtain more information for each output step as well as for each event:

```

----- PSIMU -----
Propagation starts ...
Initial conditions:
Date (UTC):                2000-01-01T00:00:00.000
Frame:                     EME2000
Mass:                      0.000 kg
Geocentric altitude:      621.864 km
Geodetic altitude:       621.864 km
Semi major axis:         7000.000 km
Eccentricity:            0.00000001
Inclination:             0.000 deg
RAAN:                    112.312 deg
Argument of perigee:     -112.312 deg
Mean anomaly:            -0.000 deg
Event #1: Propagation start event ; Date of event(UTC): 2000-01-
01T00:00:00.000 ; dt: 0.000 s
Current date (UTC): 2000-01-01T00:00:00.000 ; dt: 00d00h00m0.000 s ;
alts: 621.864 km ; altg: 621.864 km
Current date (UTC): 2000-01-01T00:01:00.000 ; dt: 00d00h01m0.000 s ;
alts: 621.864 km ; altg: 621.864 km
Current date (UTC): 2000-01-01T00:02:00.000 ; dt: 00d00h02m0.000 s ;
alts: 621.864 km ; altg: 621.864 km
...
Current date (UTC): 2000-01-01T23:59:00.000 ; dt: 00d23h59m0.000 s ;
alts: 621.864 km ; altg: 621.864 km
Current date (UTC): 2000-01-02T00:00:00.000 ; dt: 01d00h00m0.000 s ;
alts: 621.864 km ; altg: 621.864 km
Event #2: Propagation end event on duration (86400.0s) ; Date of
event(UTC): 2000-01-02T00:00:00.000 ; dt: 86400.000 s
Final conditions:
Final Date (UTC):         2000-01-02T00:00:00.000
Propagation duration:    86400.000 s
Frame:                   EME2000
Mass:                    0.000 kg
Geocentric altitude:    621.864 km
Geodetic altitude:     621.864 km
Semi major axis:       7000.000 km
Eccentricity:          0.00000001
Inclination:           0.000 deg
RAAN:                  112.312 deg
Argument of perigee:   -112.311 deg
Mean anomaly:          -63.481 deg
Propagation ends
Computation time for propagation: 6.538 seconds

```

Récupérée de « <http://psimu.cnes.fr/index.php?title=Console&oldid=1032> »

## Menu de navigation

### Outils personnels

- [18.191.237.194](#)
- [Discussion avec cette adresse IP](#)
- [Créer un compte](#)
- [Se connecter](#)

## Espaces de noms

- [Page](#)
- [Discussion](#)

## Variantes

## Affichages

- [Lire](#)
- [Voir le texte source](#)
- [Historique](#)
- [Exporter en PDF](#)

## Plus

## Rechercher

## PSIMU

- [Welcome](#)
- [Quick start](#)
- [News](#)

## GUI Mode

- [Overall presentation](#)
- [Initial Orbit](#)
- [Earth features](#)
- [Vehicle](#)
- [Forces](#)
- [Maneuvers](#)
- [Attitude](#)
- [Integrator](#)
- [Events](#)
- [Output](#)
- [Console](#)

## Batch mode

- [How to call it](#)

## Java interface

- [Basic principle](#)
- [Data initialization](#)
- [Propagation](#)
- [Printing results](#)
- [Customize output variables](#)

## Evolutions

- [Main differences between V11.7.3 and V11.7.4](#)
- [Main differences between V11.7.2 and V11.7.3](#)
- [Main differences between V11.7.1 and V11.7.2](#)
- [Main differences between V11.6.2 and V11.7.1](#)
- [Main differences between V11.5 and V11.6.2](#)
- [Main differences between V11.4.1 and V11.5](#)
- [Main differences between V11.4 and V11.4.1](#)
- [Main differences between V11.3 and V11.4](#)
- [Main differences between V11.2 and V11.3](#)
- [Main differences between V11.1 and V11.2](#)
- [Main differences between V11.0 and V11.1](#)

## Training

- [Tutorials package for V11.7.x](#)
- [Tutorials package for V11.6](#)
- [Tutorials package for V11.5](#)
- [Tutorials package for V11.4](#)
- [Tutorials package for V11.3](#)
- [Tutorials package for V11.2](#)
- [Tutorials package for V11.0](#)

## Links

- [CNES freeware server](#)

## Outils

- [Pages liées](#)
- [Suivi des pages liées](#)
- [Pages spéciales](#)
- [Adresse de cette version](#)

- [Information sur la page](#)
- [Citer cette page](#)
  
- Dernière modification de cette page le 24 février 2022 à 09:45.
  
- [Politique de confidentialité](#)
- [À propos de Wiki](#)
- [Avertissements](#)

