

Main differences between V7.2.1 and V7.2.2

De Opera

[Aller à la navigation](#) [Aller à la recherche](#)

La version imprimable n'est plus prise en charge et peut comporter des erreurs de génération.

Veuillez mettre à jour les signets de votre navigateur et utiliser à la place la fonction d'impression par défaut de celui-ci.

□

Sommaire

- [1 xlsx/csv files](#)
- [2 Synthesis files](#)
- [3 Plots](#)
- [4 Possibility to initialize configurations without a file](#)
- [5 Internal architecture modifications](#)
- [6 Object list](#)
- [7 Calendar dates on batch mode](#)

xlsx/csv files

After each run when using **GUI** or, for the batch mode, using the **"-o"** option, both **xlsx** and **csv** files will be created with a lot of interesting information. For more details, see [here](#).

Synthesis files

A new option have been added to the batch mode allowing to concatenate several previous results in a **xlsx** or **csv** synthesis file (see [here](#)).

Plots

Based on the previous xlsx/cxv files, when using the **GUI**, it is possible to plot some information as the S/m or the reentry date evolution or the reentry dates intervals. For more details about it, see [here](#).

Possibility to initialize configurations without a file

Using a constructor without arguments, it is possible to initialize an opera-configuration without using an internal or external file. All parameters values will be initialized with by default values as the ones used with the **GUI**.

```
// Opera properties configuration
//final OperaConfigurationProperties conf =
OperaReadUtils.getConfigurationProperties("data/opera-
configuration.properties");
final OperaConfigurationProperties conf = new OperaConfigurationProperties();
```

This possibility is used, for example, in the following tutorial [here](#).

Internal architecture modifications

In order to be consistent with other [CNES](#) Flight Dynamics Tools, the package architecture has been internally modified. For [GUI](#) users, there are no impacts. On the contrary, for those using the [Java API](#), some "import" may have to be changed.

Moreover some improvements have been done for quality purposes but there are fully transparent for any kind of users.

Object list

Due to the use of a the specific [GENIUS GList](#) widget, if the user wants to select all the object list, it will have to click two times on a same object then type on Ctrl-A.

Calendar dates on batch mode

It is now possible to give dates with the following [ISO 8601](#) calendar date format (rather than only in Julian dates) for option that need it : **YYYY-MM-DDThh:mm:ss.sss** or **YYYY-MM-DDThh:mm:ss**

Récupérée de

« http://opera.cnes.fr/index.php?title=Main_differences_between_V7.2.1_and_V7.2.2&oldid=596 »

Menu de navigation

Outils personnels

- [Se connecter](#)

Espaces de noms

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

☐ français

Affichages

- [Lire](#)
- [Voir le texte source](#)
- [Voir l'historique](#)
- [Exporter en PDF](#)

☐ Plus

Rechercher

OPERA

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

GUI Mode

- [Overall presentation](#)
- [Operaapp configuration file](#)
- [Configuration panel](#)
- [Solar activity panel](#)
- [Parameters panel](#)
- [Console panel](#)
- [Result files](#)
- [Plots panel](#)

Batch mode

- [How to call it](#)

Java interface

- [Basic principle](#)
- [Reentry or S/M Estimation](#)
- [Maneuvers Estimation and Pdf report](#)
- [Searching Norad Ids](#)
- [Tutorials](#)

Evolutions

- [Main differences between V7.2.3 and V7.2.4](#)
- [Main differences between V7.2.2 and V7.2.3](#)
- [Main differences between V7.2.1 and V7.2.2](#)
- [Main differences between V7.2 and V7.2.1](#)

Documentation

- [Conference Papers](#)

Links

- [CNES freeware server](#)

Outils

- [Pages liées](#)
- [Suivi des pages liées](#)
- [Pages spéciales](#)
- [Lien permanent](#)
- [Informations sur la page](#)
- [Parcourir les propriétés](#)
- [Citer cette page](#)

- La dernière modification de cette page a été faite le 3 avril 2020 à 18:43.
- Cette page a été consultée 1 076 fois.

- [Politique de confidentialité](#)
- [À propos de Opera](#)
- [Avertissements](#)

-  

