

# Main differences between V7.2.1 and V7.2.2

De Wiki

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## 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.propertie
s");
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**

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