User Manual

De Opera
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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.

OPERA may be used very quickly via its GUI facilitating context elaboration and results exploitation. No code knowledge is necessary. It is also possible to use it in batch mode via a shell and especially on grid computers with no display properties. On the other hand, it is also possible to use it via its Java interface inside a higher level tool.

So, two jar files are available:

- **opera-NN.n-jar-with-dependencies.jar** : executable jar including all needed libraries => it is the file to use for GUI utilization but it may also be used for the Java interface
- **opera-NN.n.jar** : includes only **OPERA** classes => to be used for Java interface, under the condition of linking with the right version of called libraries as GENOPUS orPATRIUS (see Dependencies page)

The GUI mode

- Overall presentation: basic properties
- Operaapp configuration file: description of the configuration file
- Configuration panel: which kind of computtaion to use and Norad Ids selection
- Solar activity panel: which solar activity to take into account
- Parameters panel: changing by default computtion parameters
- Console panel: synthetic results display
- Result files: description of the **xlsx/csv** output files (since V7.2.2).
- Plots panel: description of available plots (since V7.2.2)

The Batch mode

- How to call it

Java Interface

- Basic principle: how to initialize **OPERA**
- Reentry or S/M Estimation: how to compute a reentry and/or S/M estimation
- Maneuvers Estimation and Pdf report: how to build a Pdf report
- Searching Norad Ids: how to filter Norad Ids
- Tutorials: full code examples

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- La dernière modification de cette page a été faite le 4 avril 2020 à 08:22.
- Cette page a été consultée 493 fois.

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