

# User Manual 4.11 Tools

De Wiki

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## Introduction



Man must at all costs overcome the Earth's gravity and have, in reserve, the space at least of the Solar System.

*Konstantin Tsiolkovsky (1857 - 1935)*

This section is a short presentation of the Tools package implemented in the PATRIUS Library. It currently implements the following tool(s) that cover some of the software requirements given in **[A3]** §5.3.2. :

## Applicable and Reference Documents

### Applicable Documents

**[A1]** *CDCF - Fonctions de Base du Patrimoine de Dynamique du Vol*, V1.2, SIRIUS-CF-DV-0049-CN, 2011.

**[A2]** *Dossier de réutilisation Orekit et Commons Math*, V1.0, SIRIUS-DLR-DV-0080-CN, 2010.

### Reference Documents

None applicable.

# Glossary

None applicable.

## Overview

The Tools package of the PATRIUS library has been developed according to the SIRIUS Software Requirements [A3]. The tools developed are described hereafter :

### Ephemeris Comparator

The ephemeris comparator tool of the Tools package of the PATRIUS library is a tool that can compare ephemeris files.

## Package List

The following themes have been developed and deployed to the Tools package. These will help develop software covering some of the software requirements given in [A1] §4. :

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