

# User Manual 4.6 Tools

De Wiki

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

[Main differences between V4.11 and V4.10](#) > [User Manual 4.6 Tools](#) > [Utilisateur:3.85.38.100](#) > [Catégorie:Tutorials 4.5.1](#) > [Spécial:Suivi des liens/Catégorie:User Manual 4.7 Mathematics](#)

## Sommaire

- [1 Introduction](#)
- [2 Applicable and Reference Documents](#)
  - [2.1 Applicable Documents](#)
  - [2.2 Reference Documents](#)
- [3 Glossary](#)
- [4 Overview](#)
- [5 Package List](#)

## 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. :

[Modèle:DisplayChildrenTitlesAsLinks/](#)

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# Menu de navigation

## Outils personnels

- [13.58.149.129](#)
- [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

## PATRIUS

- [Welcome](#)

## Evolutions

- [Main differences between V4.13 and V4.12](#)
- [Main differences between V4.12 and V4.11](#)
- [Main differences between V4.11 and V4.10](#)
- [Main differences between V4.10 and V4.9](#)
- [Main differences between V4.9 and V4.8](#)
- [Main differences between V4.8 and V4.7](#)
- [Main differences between V4.7 and V4.6.1](#)
- [Main differences between V4.6.1 and V4.5.1](#)
- [Main differences between V4.5.1 and V4.4](#)
- [Main differences between V4.4 and V4.3](#)
- [Main differences between V4.3 and V4.2](#)
- [Main differences between V4.2 and V4.1.1](#)
- [Main differences between V4.1.1 and V4.1](#)
- [Main differences between V4.1 and V4.0](#)
- [Main differences between V4.0 and V3.4.1](#)

## User Manual

- [User Manual 4.13](#)
- [User Manual 4.12](#)
- [User Manual 4.11](#)
- [User Manual 4.10](#)
- [User Manual 4.9](#)
- [User Manual 4.8](#)
- [User Manual 4.7](#)
- [User Manual 4.6.1](#)
- [User Manual 4.5.1](#)
- [User Manual 4.4](#)
- [User Manual 4.3](#)
- [User Manual 4.2](#)
- [User Manual 4.1](#)
- [User Manual 4.0](#)
- [User Manual 3.4.1](#)
- [User Manual 3.3](#)

## Tutorials

- [Tutorials 4.5.1](#)
- [Tutorials 4.4](#)
- [Tutorials 4.1](#)
- [Tutorials 4.0](#)

## Links

- [CNES freeware server](#)

## Navigation

- [Accueil](#)
- [Modifications récentes](#)
- [Page au hasard](#)
- [Aide](#)

## 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 26 août 2020 à 13:18.
- [Politique de confidentialité](#)
- [À propos de Wiki](#)
- [Avertissements](#)
- 