

Tutorials 4.4 Frames

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What is a frame ?

As for the time scale (see previous tutorial), the easiest way to create a frame is to use the associated factory (FramesFactory.getXXX()).

Thanks to its factory, this frame will be unique in all the rest of your code.

Code example: [create frames](#)

How to configure it

Transformations between frames may be configured thanks to a certain modelization level (taking into account polar motion, tides, ...).

In the following example, via the [getSimplifiedConfiguration\(\)](#) method, we will be able to customize such transformations.

Note that if we take into account all modelizations, **CPU** time will be affected each time frames transformations will be used (i.e. very often for numerical orbit propagations).

Code example: [configure frames](#)

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