

oomph::TimeStepper

```
classDiagram
    class oomph_TimeStepper["oomph::TimeStepper"]
    class oomph_Steady_0["oomph::Steady< 0 >"]
    class oomph_BDF_NSteps["oomph::BDF< NSteps >"]
    class oomph_GeneralisedTimeStepper["oomph::GeneralisedTimeStepper"]
    class oomph_IMRBase["oomph::IMRBase"]
    class oomph_Newmark_NSteps["oomph::Newmark< NSteps >"]
    class oomph_PeriodicOrbitTimeDiscretisation["oomph::PeriodicOrbitTimeDiscretisation"]
    class oomph_Steady_NSteps["oomph::Steady< NSteps >"]
    class oomph_TR["oomph::TR"]

    oomph_TimeStepper <|-- oomph_Steady_0
    oomph_TimeStepper <|-- oomph_BDF_NSteps
    oomph_TimeStepper <|-- oomph_GeneralisedTimeStepper
    oomph_TimeStepper <|-- oomph_IMRBase
    oomph_TimeStepper <|-- oomph_Newmark_NSteps
    oomph_TimeStepper <|-- oomph_PeriodicOrbitTimeDiscretisation
    oomph_TimeStepper <|-- oomph_Steady_NSteps
    oomph_TimeStepper <|-- oomph_TR
```

A UML class diagram illustrating the inheritance hierarchy for the `oomph::TimeStepper` class. The base class, `oomph::TimeStepper`, is located at the top left. A vertical line with an upward-pointing arrow at the top represents the inheritance path. Eight subclasses are listed to the right of this line, each connected to the base class by a horizontal line. The subclasses are: `oomph::Steady< 0 >`, `oomph::BDF< NSteps >`, `oomph::GeneralisedTimeStepper`, `oomph::IMRBase`, `oomph::Newmark< NSteps >`, `oomph::PeriodicOrbitTimeDiscretisation`, `oomph::Steady< NSteps >`, and `oomph::TR`. The boxes for `oomph::GeneralisedTimeStepper`, `oomph::IMRBase`, and `oomph::Newmark< NSteps >` have a small black triangle in the bottom right corner.

oomph::Steady< 0 >

oomph::BDF< NSteps >

oomph::GeneralisedTimeStepper

oomph::IMRBase

oomph::Newmark< NSteps >

oomph::PeriodicOrbitTimeDiscretisation

oomph::Steady< NSteps >

oomph::TR