

uri "<http://sabl.org/ScientificConcepts1.sabl>" alias **scicncpts1**.

Time is a type of **UnittedQuantity**.

Length is a type of **UnittedQuantity**.

Position is a type of **UnittedQuantity**,

described by **x-coordinate** with values of type **Length**,

described by **y-coordinate** with values of type **Length**,

described by **z-coordinate** with values of type **Length**,

described by **^time** with values of type **Time**.

Mass is a type of **UnittedQuantity**.

PhysicalObject is a class,

described by **mass** with values of type **Mass**,

described by **position** with values of type **Position**.

Velocity is a type of **UnittedQuantity**.

velocity describes **PhysicalObject** with values of type **Velocity**.

Acceleration is a type of **UnittedQuantity**.

acceleration describes **PhysicalObject** with values of type **Acceleration**.

Momentum is a type of **UnittedQuantity**.

momentum describes **PhysicalObject** with values of type **Momentum**.

Force is a type of **UnittedQuantity**.

force describes **PhysicalObject** with values of type **Force**.

External **unitResolver**(string **operation**, string **u**, ...)

returns string: "<http://sabl.org/unitSelector>".

External **derivative**(**ScientificConcept** **numerator**, anyURI **^time**, int **n**)

returns decimal, string: "<http://sabl.org/derivative>".