

## NemoMath - Enhancement #949

### Initialization of Vector with dim and gen

03/14/2012 02:34 PM - C. Emmerich

<b>Status:</b>	Resolved	<b>Start date:</b>	03/14/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	M. Rolf	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	NemoMath 0.4		

#### Description

Initialization of a Vector with dimensions of an existing vector and a generator is not convenient. Example code:

```
RealVector v(dim(5), 0.0);
RealVector v1(v.dimension(), 1.0);           // <-works perfectly
RealVector v2(v.dimension(), uniform<double>(0, 1.0)); // <- compiler error
RealVector v3(dim(v.dimension()),uniform<double>(0, 1.0)); // <- work around
```

Error:

```
Vector.h:67: error: 'nemo::VectorDimension::VectorDimension(unsigned int)' is private
```

#### History

##### #1 - 03/27/2012 03:41 PM - M. Rolf

- Assignee set to M. Rolf
- Target version set to NemoMath 0.4
- % Done changed from 0 to 100

##### #2 - 03/27/2012 03:41 PM - M. Rolf

- Status changed from New to Resolved