

NemoMath - Feature #811

Vector initialization via arrays

01/20/2012 01:31 PM - C. Emmerich

Status:	Resolved	Start date:	01/20/2012
Priority:	Normal	Due date:	
Assignee:	M. Rolf	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	NemoMath 0.4		

Description

It would be nice to initialize a vector with an array of the specific type, e.g. something like this:

```
double values[my_dim];  
...  
RealVector v(dim(my_dim), values);  
  
Thx ;)
```

History

#1 - 01/23/2012 11:44 AM - M. Rolf

- Target version set to NemoMath 0.4

#2 - 01/23/2012 05:02 PM - M. Rolf

- Status changed from New to Resolved

- % Done changed from 0 to 100

In order to avoid type confusion among the overloaded constructor, this one uses a static factory method:

```
double vals[3];  
vals[0] = 1.0; vals[1] = 2.0; vals[2] = 3.0;  
RealVector vec = RealVector::fromArray(dim(3),vals);
```