==========

An Event-B Specification of fonctions @ Date: 2 Oct 2007 **@ Time:** 00:19:09 PM

==========

CONTEXT fonctions

SETS

$set1$

CONSTANTS

n
$factorial$

AXIOMS

$axm1 : n \in \mathbb{N}$
$axm2 : factorial \in \mathbb{N} \rightarrow \mathbb{N}$
$axm3 : factorial(0) = 1$
$axm4 : \forall i \cdot i \in \mathbb{N} \Rightarrow factorial(i+1) = (i+1) * factorial(i)$

END