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An Event-B Specification of specification @ Date: 2 Oct 2007 **@ Time:** 00:19:14 PM

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MACHINE specification

SEES fonctions

VARIABLES

$resultat$

INVARIANTS

$inv1 : resultat \in \mathbb{N}$

EVENTS

INITIALISATION

BEGIN
$act1 : resultat :\in \mathbb{N}$
END

EVENT computing
BEGIN
$act13 : resultat := factorial(n)$
END

END