Iterative Factorial START INVOCATION: (! (FACTORIAL \$N \$RESULT)) <! <= @TMP \$N>> (! (= @RES 1)) **S1** (! (= @TMP (- @TMP 1))) (? (<= @TMP 1)) S2 (? (> @TMP 1)) (= @RES (* @RES @TMP))) (! (= \$RESULT @RES)) **S**5

((RECURSIVE NIL))

PROPERTIES:

Meta level KA."

DOCUMENTATION:

"This KA computes the Factorial of \$n and unifies the result with \$result. It uses an iterative algorithm operating on local variables. Note the RECRUSIVE NIL property which will be used by the

END1