## Recursive Factorial

## riccarorye r actoriai

(! (FACTORIAL \$N \$RESULT))

INVOCATION:

```
START
                    (? (<= $N 1))
                       T N1 F
                                   (! (FACTORIAL (- $N 1) $RES2))
(! (= $RESULT $N))
        END1
                                   (! (= $RESULT (* $N $RES2)))
                                         END2
```

PROPERTIES: ((RECURSIVE T))

This OP computes the Factorial of \$n in a recursive manner.

Note the RECURSIVE T property which will be used by the

Meta OP to decide which OP to intend."