

Fibonacci

INVOCATION:

```
(<! (FIBONACCI $N $RESULT)>>
```

BODY:

```
(<<IF (? (< $N 1))  
  (<! (= $RESULT 1))  
  ELSE  
    <::: $N is greater than 1  
    <::: compute the two values of fibonacci in parallel  
    (</ (<! (FIBONACCI (- $N 1) $RES2))  
      )  
      (<! (FIBONACCI (- $N 2) $RES3))  
      )  
    )  
    <::: Implicit rendez-vous  
    <::: Compute the final result  
    (<! (= $RESULT (+ $RES2 $RES3)))  
  )  
)
```