

Key:
{Local high} Highest fib
index in local cache file
{redis high} Current
highest fib calculated
{index} bit count of file
relating string to fib
sequence

Http request with
fib=Length

WebService script

Check to see if Length <
{Local high}

Yes

No

Look up index for Length

Done
Set

Yes

Is {Length} less than
{redis high}

No

Update needed var on
redis, updater will monitor
needed flag and update
cache as needed. Then
set done var.

Return error that value is
not yet calculated

Return json message
with error

Return json to user
reading from cache file
from 0 - {index for length}

