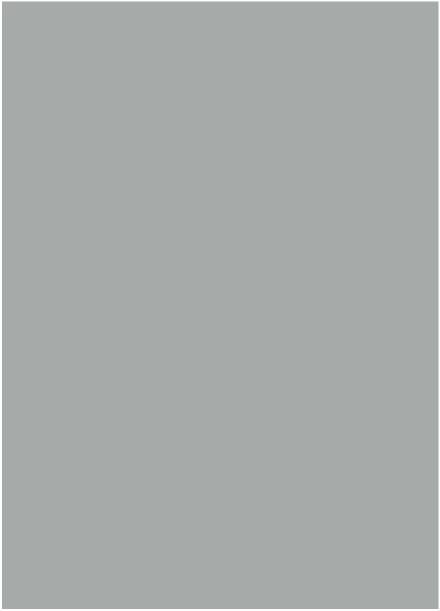




HOW DOES PYRET WORK

SAVING THE STACK AT RUNTIME



```
function odd(n) {
 if (n == 0) return false;
 else return even(n-1);
function even(n) {
 if (n == 0) return true;
 else return odd(n-1);
even(100000)
```



















SAVING THE STACK AT RUNTIME

Run

Stop

```
function odd(n) {
 if (n == 0) return false;
 else return even(n-1);
function even(n) {
 if (n == 0) return true;
 else return odd(n-1);
even(100000)
```





Run

SAVING THE STACK AT RUNTIME

Run Stop function odd(n) { if (n == 0) return false; else return even(n-1); function even(n) { if (n == 0) return true; else return odd(n-1); even(100000)

even

odd

even

even odd even EVENT QUEUE

Run