Basic state diagram

Start

Blocked

t < x   Timer Expired
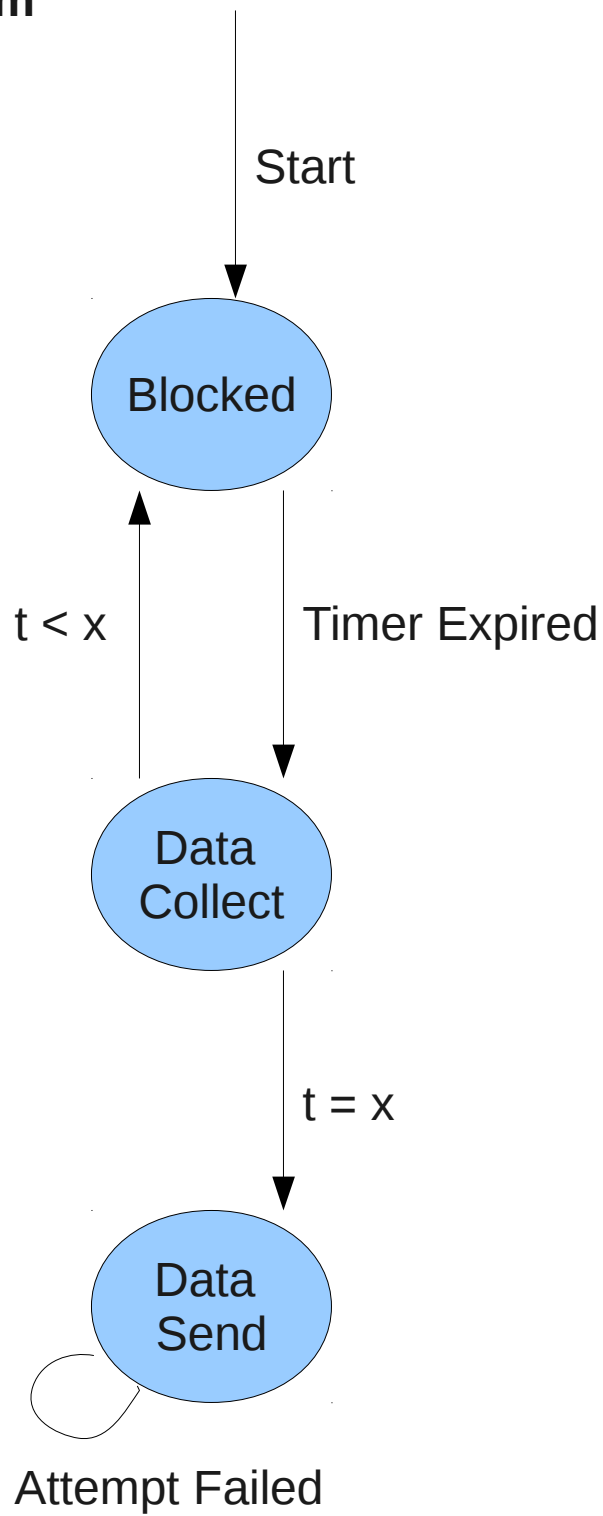
Data
Collect

t = x

Data
Send

Attempt Failed

t = number of samples measured
x = total number of samples