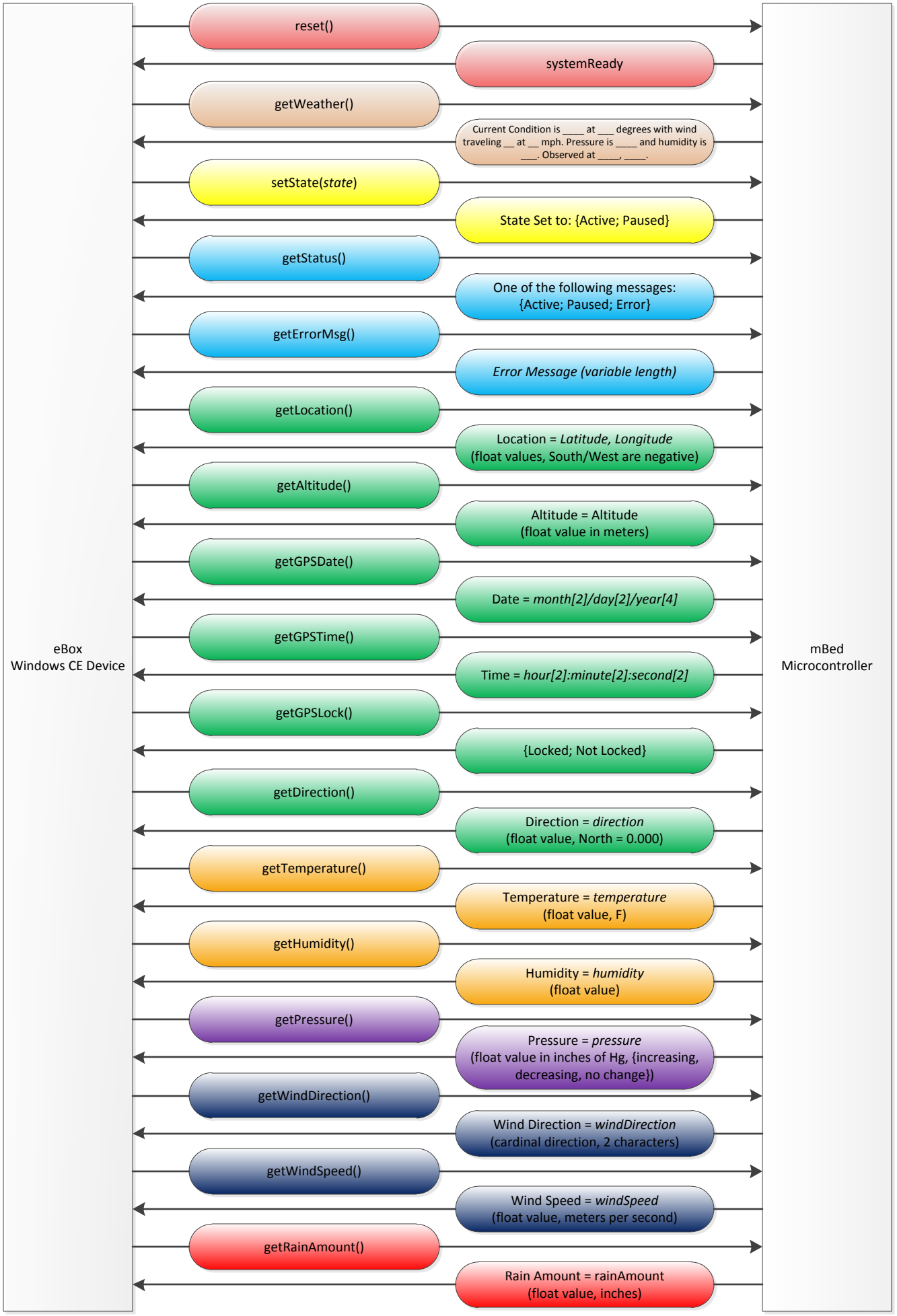
eBox
Windows CE Device
mBed
Microcontroller
reset()
systemReady
getWeather()
Current Condition is ____ at ___ degrees with wind traveling __ at __ mph. Pressure is ____ and humidity is ___. Observed at ____, ____.
setState(*state*)
State Set to: {Active; Paused}
getStatus()
One of the following messages: {Active; Paused; Error}
getErrorMsg()
*Error Message (variable length)*
getLocation()
Location = *Latitude, Longitude* (float values, South/West are negative)
getAltitude()
Altitude = Altitude (float value in meters)
getGPSDate()
Date = *month[2]/day[2]/year[4]*
getGPSTime()
Time = *hour[2]:minute[2]:second[2]*
getGPSLock()
{Locked; Not Locked}
getDirection()
Direction = *direction* (float value, North = 0.000)
getTemperature()
Temperature = *temperature* (float value, F)
getHumidity()
Humidity = *humidity* (float value)
getPressure()
Pressure = *pressure* (float value in inches of Hg, {increasing, decreasing, no change})
getWindDirection()
Wind Direction = *windDirection* (cardinal direction, 2 characters)
getWindSpeed()
Wind Speed = *windSpeed* (float value, meters per second)
getRainAmount()
Rain Amount = rainAmount (float value, inches)