Pseudocode for LEDService

Module Variables:

 MyPriority

Function: InitLEDService

Params: Priority

Returns: bool

Set MyPriority

Set RB1, RB3, RB4, RB5, RB6 to Digital out

Start with lines hi, except for RB1

End InitLEDService

Function: PostLEDService

Params: ES\_Event\_t

Returns: bool

Post to this service

End PostLEDService

Function: RunLEDService

Params: ES\_Event\_t

Returns: ES\_Event\_t

End RunLEDService

Function: SetActiveLED

Params, returns: none

Set RB1 Hi to mark TX/RX active

End SetActiveLED

Function: ClearActiveLED

Params, returns: none

Set RB1 Lo to mark TX/RX inactive

End ClearActiveLED

Function: SetLEDs

Params: uint8\_t LEDCode

Returns: none

Get current value in LATB

Get mask for values we don't want to change

Put LEDCode into correct spot in mask

write mask to LATB

End SetLEDs