Recap Synchronisation /Doxygen

1. What mean real time system?
2. Comparison the Synchronization three Methods (efficiency, hardware, complexity)
3. What is the problem by realtime synchronization delay loop when you use an other compiler ?
4. What for features have Doxygen ?
5. Declare a function and documentation this.

@1) A System that give you a correct result at the right time

@2) Real Time : - is efficinecy for short waiting

- dont need extra hardware

- you have do be carefull by different clock, compiler,…

Gadfly : - need extra hardware for set the flag

* is for fast execution

Interrupt: - need extra hardware

* No waiting, but isnt efficient for fast process
* need to save/ restore programm statur

@3) Maybe an other compilier will optimize the loop.

@4)

-Doxygen used for documentation

-Doxygen system give a system overview

- todo liste in programm code

@5)

/\*!

\brief Switches on a set of LED.

\param[in] Leds The set of LED to be switched on.

\*/

void LED\_On(LED\_Set Leds);