

Embedded Operating System Phase - I

presented by

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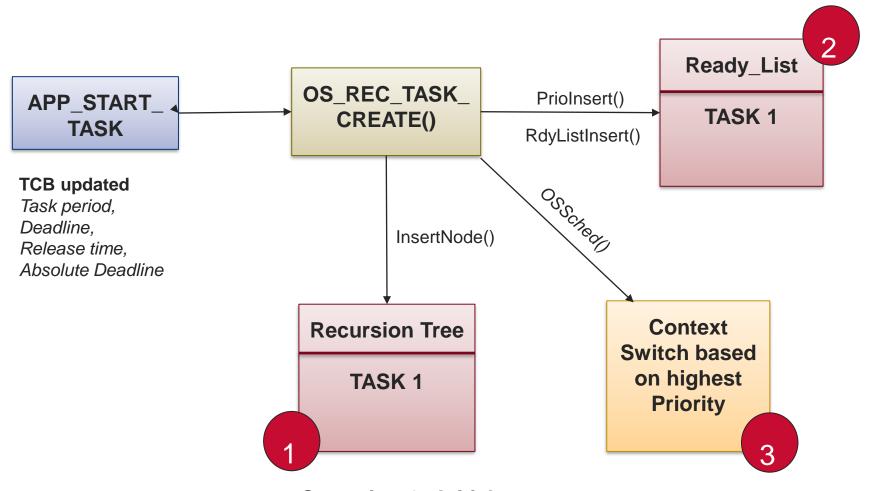
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Requirements

- Functional Requirements
- Task Recursion using Splay Tree
- EDF Scheduler using Binomial Heap



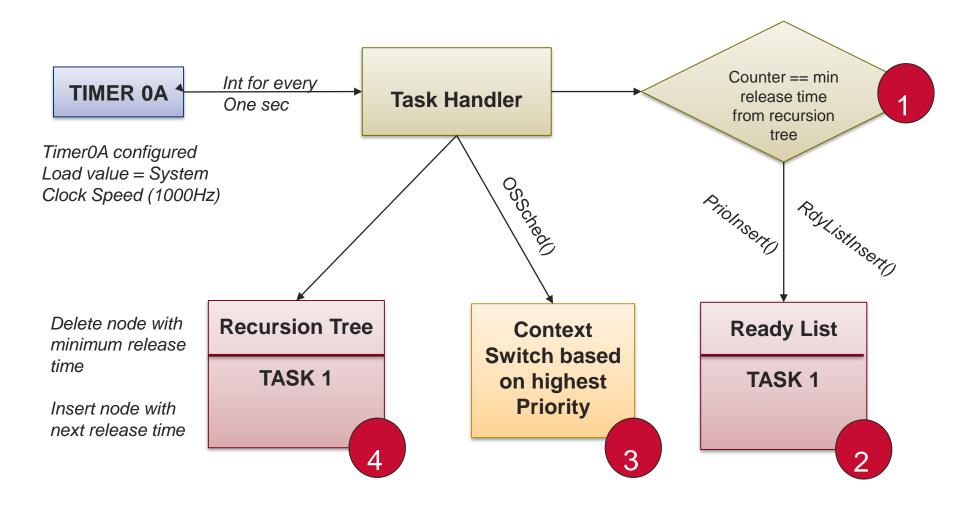
Task Recursion - 1







Task Recursion - 2



Operation 2 – ISR



Counter Overflow

- Resetting the counter using window selection
- Window Bit MSB of 32-bit Unsigned Integer variable
 - 0 counter normal operation
 - Counter = Counter
 - 1 Reset the counter
 - Counter = Counter 0X7FFF FFFF (32 bit unsigned integer)



EDF Scheduler

