



## **Definition of Done**

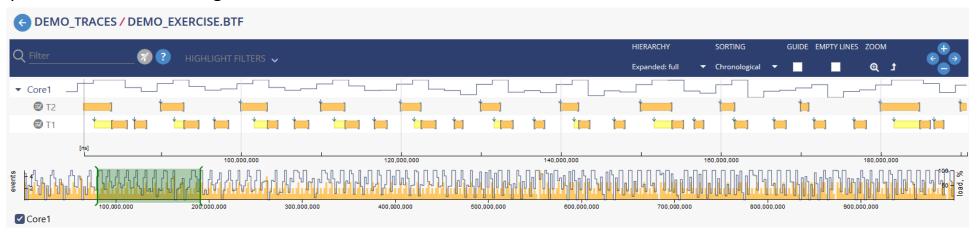
- Done using Python 3.7
- Implement a function to parse BTF Trace (Information about BTF on Slide 4). Please refer to PEP8 for code style. Test your code
- Search for wrong events described below:
  - Order of events
    - All tasks of should have following order:
      - activate, start, terminate
      - Or
      - activate, start, preempt, resume, terminate
  - Parallel active task on a Single Core Trace
    - Following order should not appear in the trace: (No start of the second task if another task is already in status start)
      - Task\_1, activate
      - Task\_1, start
      - Task\_2, activate
      - Task\_2, start
- Wrong events that are found in the trace it should be written down into a text file with the following information: Timestamp, Line number in BTF trace and what was wrong
- Provide the resulting text file and source code

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## Examples

• Example Gantt without wrong Events:



- Example Gantt with wrong Events:
  - Two task active at same time range



- Example Gantt with wrong Events:
  - wrong order of events from same task



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## BTF (Best Trace Format) Information

- textfile
- Find documentation here: https://wiki.eclipse.org/images/e/e6/TA BTF Specification 2.1.3 Eclipse Auto IWG.pdf

