

Expressing Parallelism in ROOT: Highlights

- ROOT offers in v6.08 important building blocks for expression of parallelism
 - General purpose parallel executors exploiting multiprocessing and multithreading paradigms
 - Mechanisms for resource protection (e.g. RWSpinMutex, per thread object management) if the user wants full control over expression of parallelism (*Explicit parallelism*)
 - Interfaces for achieving parallelism relying on internal features of the library (*Implicit parallelism*)
- New developments approached with a modern view in mind
 - Slim and intuitive programming model
 - Compatibility with STL templates
 - No duplication with components the STL provides