

Using Java Analysis Studio as an interface to the Atlas Offline Framework

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Huge requirements on computing resources have made it difficult to run Frameworks of some new HEP experiments on the users' personal workstations. Fortunately, new software technology allows us to give users back at least a bit of the user-friendliness they were used to in the past. A Java Analysis Studio (JAS) plugin has been developed, which accesses the Python API of the Atlas Offline Framework (Athena) over the XML-RPC layer. This plugin gives a user the full power of JAS over the resources otherwise only available within Athena. A user can access any Athena functionality and handle all results directly in JAS. Graphical adapters to some Athena services have been delivered to ease the access even further.

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