

# A minimal xpath parser for accessing XML tags from C++

*Monday, March 23, 2009 8:00 AM (20 minutes)*

A minimal xpath 1.0 parser has been implemented within the JANA framework that allows easy access to attributes or tags in an XML document. The motivating implementation was to access geometry information from XML files in the HDDS specification (derived from ATLAS's AGDD). The system allows components in the reconstruction package to pick out individual numbers from a collection of XML files with a single line of C++ code. The xpath parsing aspect of JANA will be presented along with examples of both its use and specific tasks where its use would be beneficial.

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