

Proposal for a change in the Hadr02

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Objectives

- Hadr02 extended example has been created in order to demonstrate how to simulate ion fragmentation
 - Initially DPMJET2.5 was the only hadronic generator for ion/ion simulation
 - DPMJET2.5 is the old FLUKA generator
 - FORTRAN code and a data set
 - The interface was done by P. Truscott
 - Currently FTF ion/ion interaction (V.Uzhinsky) are available as the default
 - UrQMD interface become available within Hadr02 (A.Dotti)
- There are two pending problem reports since long:
 - 1658 : Broken DPMJET interface in 10.0
 - 1654 : Fortran code for DPMJET2.5 does not compile with gcc4.9

Proposal to drop DPMJET from Hadr02

- Arguments:
 - FTF performance for ion/ion is good enough
 - DPMJET has several technical problems, limitations, and unknown number of bugs
 - Not applicable for $Z > 26$
 - Allowing users to compare results between Geant4 and old FLUKA software which is not properly maintained can make unnecessary confusions

