

Tracking Code with new SMatrix & Gaudi

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Gaudi v18r3

Only needed one adaptation so far

- *put(container, containerPath) no longer returns StatusCode; became void*

SMatrix 5.10.00b

Some changes in SMatrix:

- *“Sub” method signature changed*
 - *e.g.: aMatrix.Sub<N,N>(i,j) became aMatrix.Sub<MatrixNxN>(i,j) with our usual typedefs*

Some new things in this new release:

- *Symmetric matrices have been introduced*
- *Place_at methods do not allow at present to place a symmetric matrix into any kind of matrix, be it general or symmetric*
 - *experts aware of this; will be sorted out for the next release ...*
- *... though one is can place a general sub-matrix into a symmetric matrix!*

Tracking packages affected:

- *Event/TrackEvent*
- *Tr/TrackExtrapolators*
- *Tr/TrackFitEvent*
- *Tr/TrackFitter*
- *Tr/TrackProjectors*
- *Tr/TrackTools*
- *Tr/TrackMatching*

**All the above in CVS ready for software release ...
... after Marco's tests ...**