



Discussion about MDT BS errors

- How do we get errors etc from ROD decoder?
 - Remember that these should be used in online monitoring so better if minimal Athena-specific code.
- Current method for decoding data:
 - `StatusCodes::fillCollections(const OFFLINE_FRAGMENTS_NAMESPACE::ROBFragment& robFrag, MdtCsmContainer& rdoIDC, const std::vector<IdentifierHash>& ChambersToDecode);`
- This is purely used inside MuonMDT_CnvTools (no public interface), & therefore no need for StatusCodes - why not return instead the BS bitmask, wrapped in an object to make it easier to use.
 - e.g. with methods like `bool isTruncated()`, `vector<Identifier> suppressedChambers()` etc
- MDT_RawDataProviderTool then updates BS error service, dead channels service etc.
 - Slightly different from ID approach, where all of this is internal to ROD decoder, but as functional and allows for possibility of using ROD decoder in online monitoring.