An ERD in this case is difficult to make. As you know the Exor Asset system is at most a 2 tier system but typically flat. The ERD for Routine Services Data has multiple tiers and cannot be represented in the same fashion.

This Asset ERD only reflects the EXOR relationship for the asset which is that of a parent child, linked by the parent’s IIT\_NE\_ID, Which parent and incoming Item is connected with is determined from the reference ID.

It was my understanding from the workshop that we could have the following possibilities occurring, unless the input was limited to completed/closed items:

1. A request could come in, be given a reference ID but no other activity has occurred for it yet.
   1. In this case my understanding would be there would not yet be an activity ID.
2. A request could come in, then several defects logs resulting in the possibility of several actives.
   1. In this case I would not be able to model it properly as one asset, the original Uniqueness of Activity ID (Missing from the new ERD) and creation date would no long hold.

One of the requirements was to make certain fields mandatory, ie, request\_id, Accomplishment\_ID, Defect\_ID, since I can have Fields mandatory that may not be supplied, it makes sense to have these as separate assets.

No I do notice in the new ERD that Activity > Activity\_ID is no long there. I now need to know if the Group labeled Activity is really a real item maintained in the routine services data system or if it was added for this project/ERD. If Idid not understand correct and this is not a “real” tracked item then the parent in my Asset ERD could possibly be this activity ID, let’s try and work that out tonight.

The other relationships well need to be used just for reporting purposes, for example: given a reference\_id, what requests were raised and how long did it want to complete the defect repair. This would need to join the various assets to their Keys as listed in your ERD.

