

# ICAT - CORE Extended Entities

This diagrams contains most ICAT - CORE entities.

Some are deliberately missing such as for instance the - Collection - Entities.

The diagram was made from scratch and the idea was to show what we thought to be the major dependencies.

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Project	ICAT -Project
Model	Universal DB
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Category	
CORE	
Utility	
Technical:IT	
CENTRAL TO CORE	
Technical:Science	

## Remarks:

- PFK : primary foreign Key

some of the FK will be PFK to emphasize that the child PK is not sufficient in some cases to uniquely identify a record.  
For instance an instrument manufactured by the same supplier may be used at different facilities and thus may have the same name everywhere.  
The multi-facilities setup within one DB instance is not perhaps supported yet in conjunction with TopCAT. Not sure about the actual status to be checked.

- FK: Foreign key  
- AK : Alternate Key means is UNIQUE  
- NN: Not Null

