

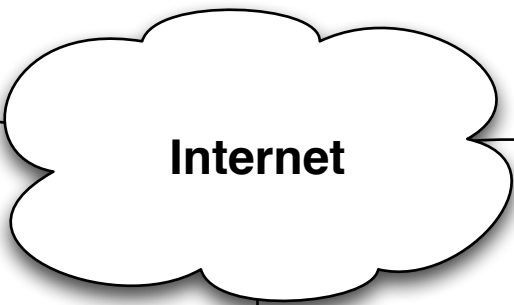
# Software Architecture Overview



# Network Architecture Overview

Internet Client

SPOT Catalogue



Thumb  
Retrieval

**DMZ / VLAN**



ELEPHANT DB Server



LION App Server

Legacy  
Catalogue  
Updates

**SANSA-EO Network**

Ordering  
Service

Product  
Delivery



DIMS Catalogue



Informix ACS Server

# ACS Import Procedure



Product Overview

Product Details

Organisation

Operator

Product Type

Processing Level

Pixel dimensions x,y

Product date

Product time

Thumbnail

OK

Apply

Cancel

Product Overview

Product Details

Row

Path

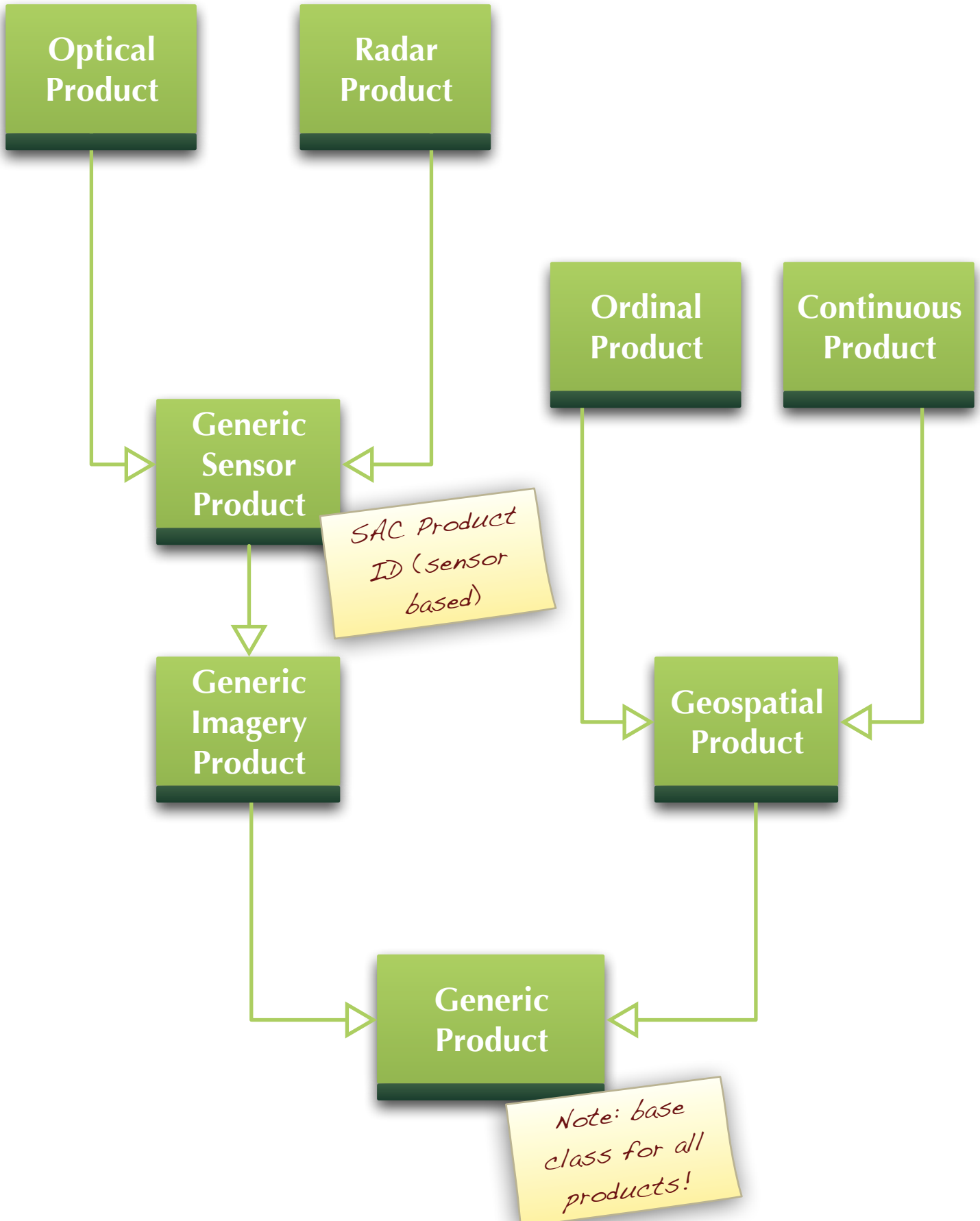
Acquisition angle

OK

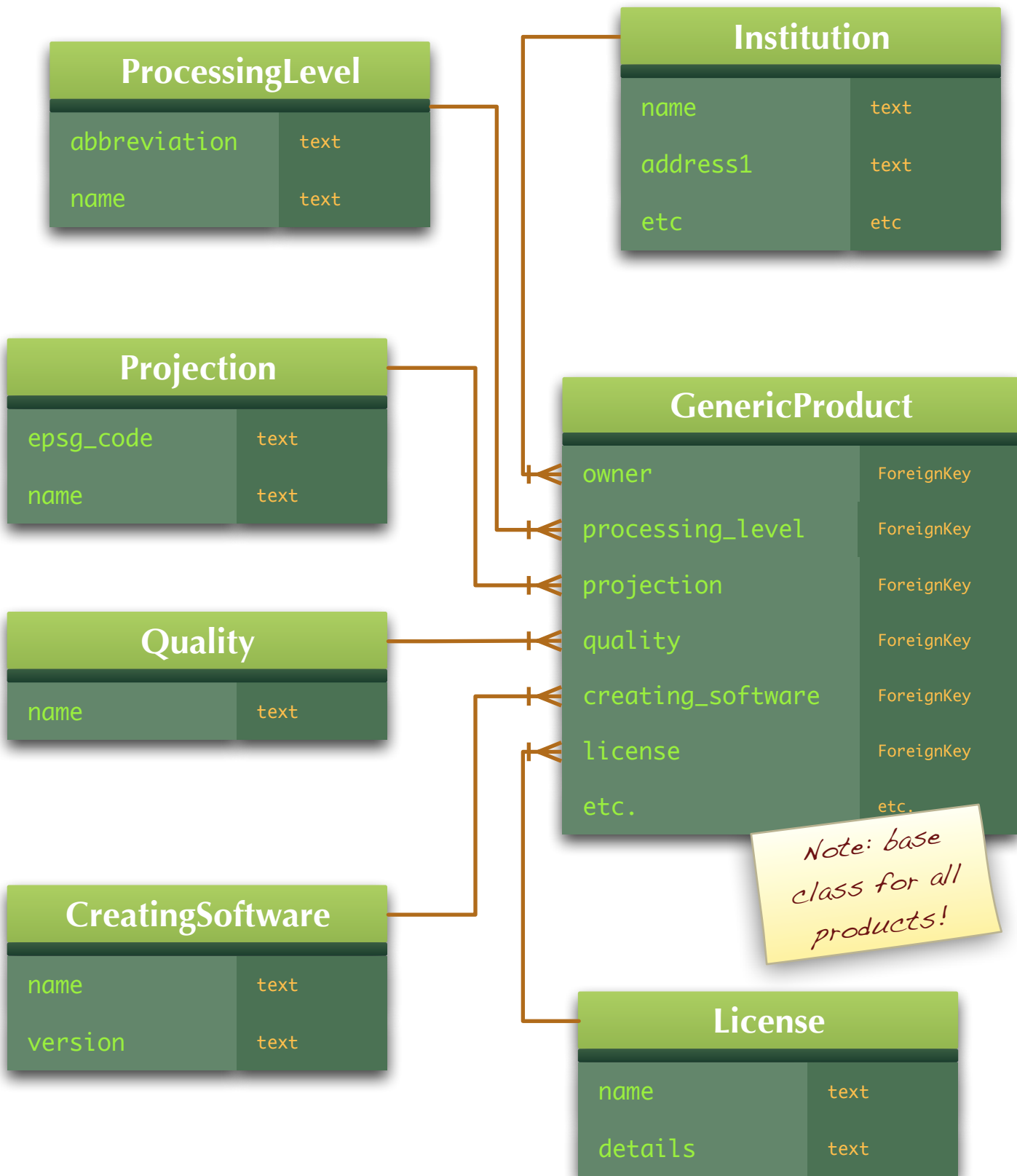
Apply

Cancel

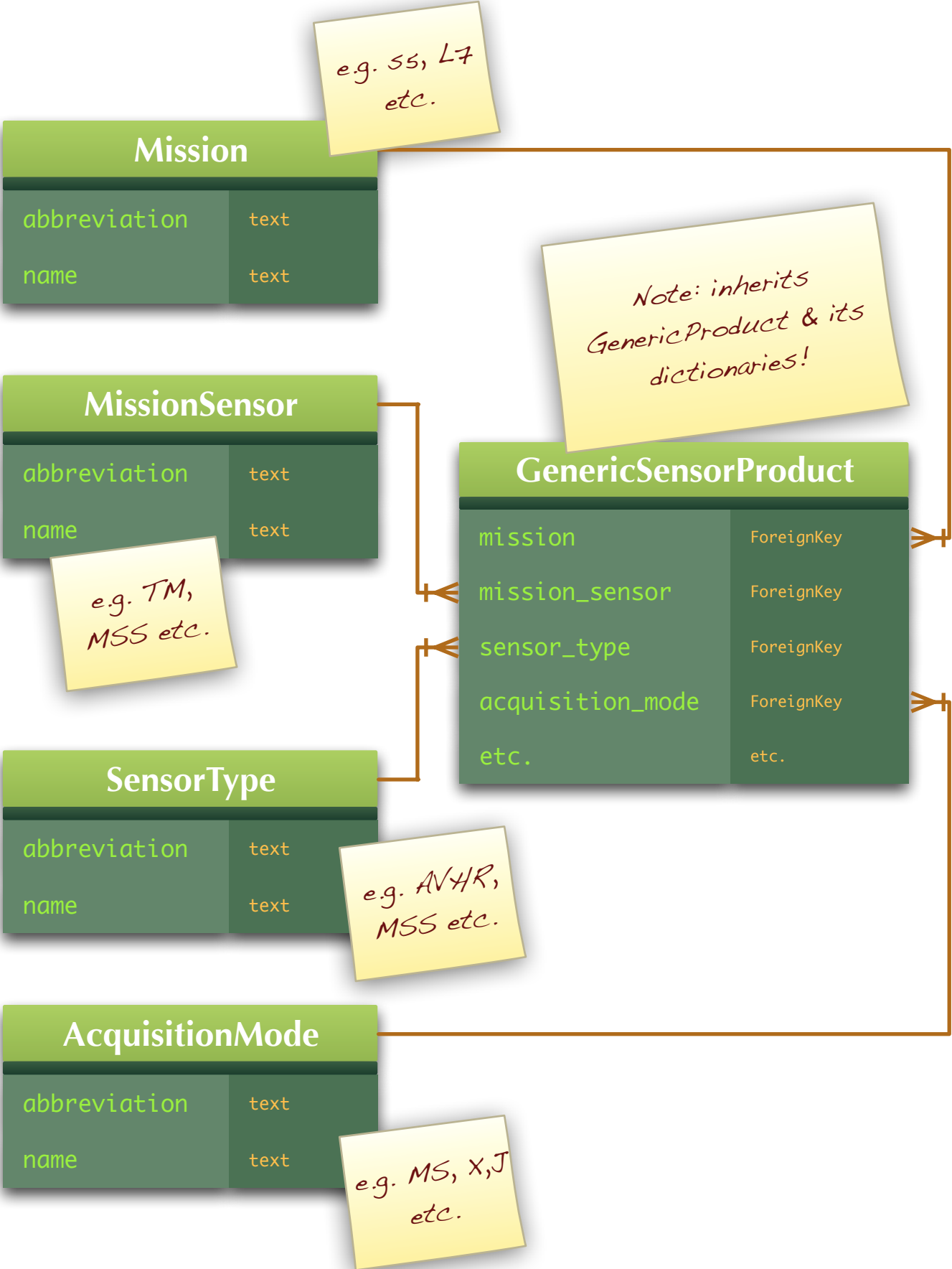
## Product Heirarchy



# Generic Product Dictionaries



# Generic Sensor Product Dictionaries (Pre-refactoring)



# Generic Sensor Product Dictionaries

GenericSensorProduct	
acquisition_mode	ForeignKey
etc.	etc.

Mission	
abbreviation	text
name	text
mission_group	ForeignKey

MissionSensor	
mission	ForeignKey
abbreviation	text
name	text
is_taskable	bool

MissionGroup	
name	text

SensorType	
mission_sensor	ForeignKey
abbreviation	text
name	text

AcquisitionMode	
sensor_type	ForeignKey
abbreviation	text
name	text
spatial_resolution*	integer
is_greyscale	bool

 New Items

\* Not used for advanced search as products may have been resampled. Should be used to assign initial spatial resolution to all products in existing catalogue. Spatial resolution is then stored in the product table itself. New products arriving should be given a default value from the Acq Mode table where appropriate.

*e.g. MS, X, J etc. now we can include resolution as its sensor & mission specific*

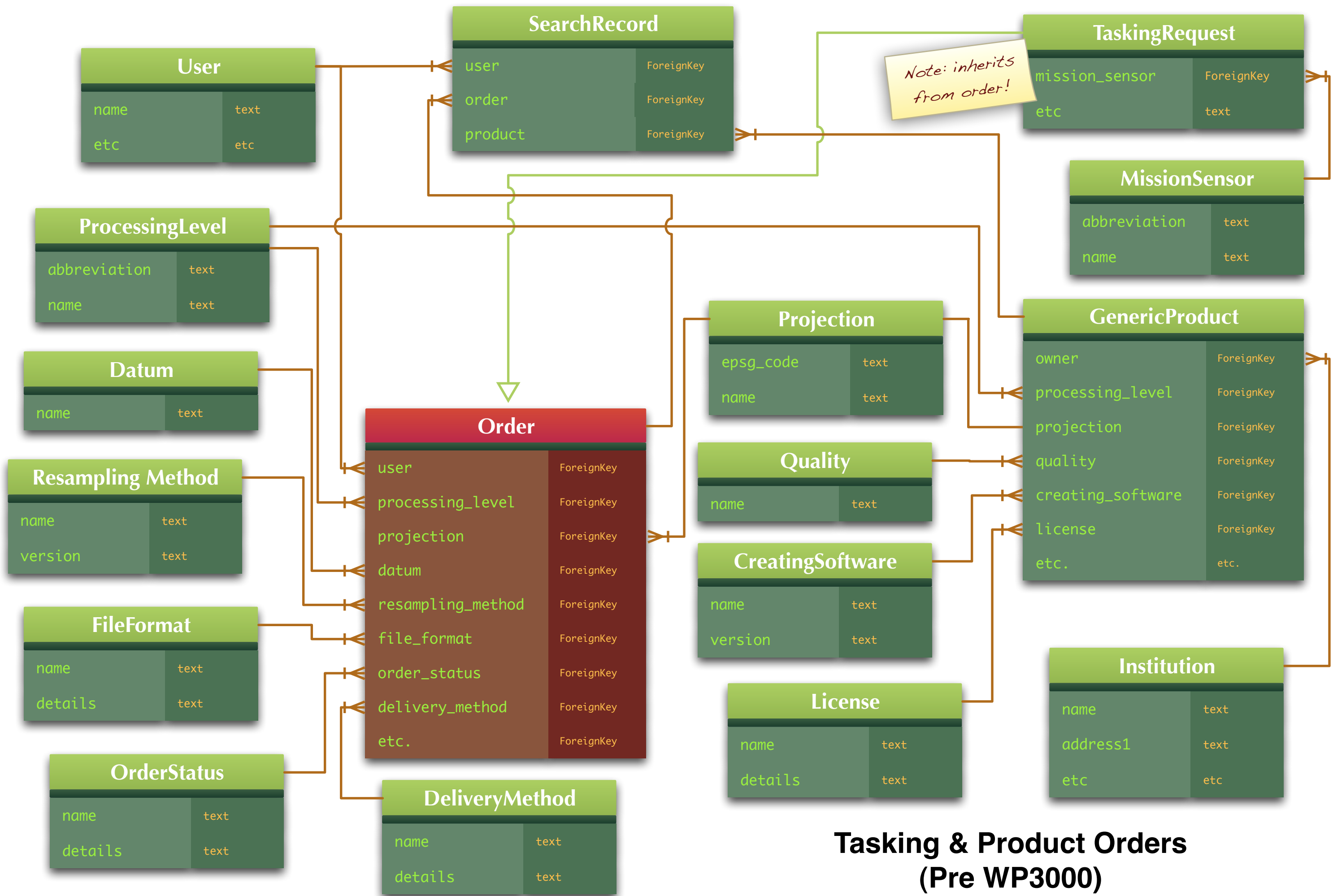
*e.g. SS, L7 etc.*

*e.g. TM, MSS etc.*

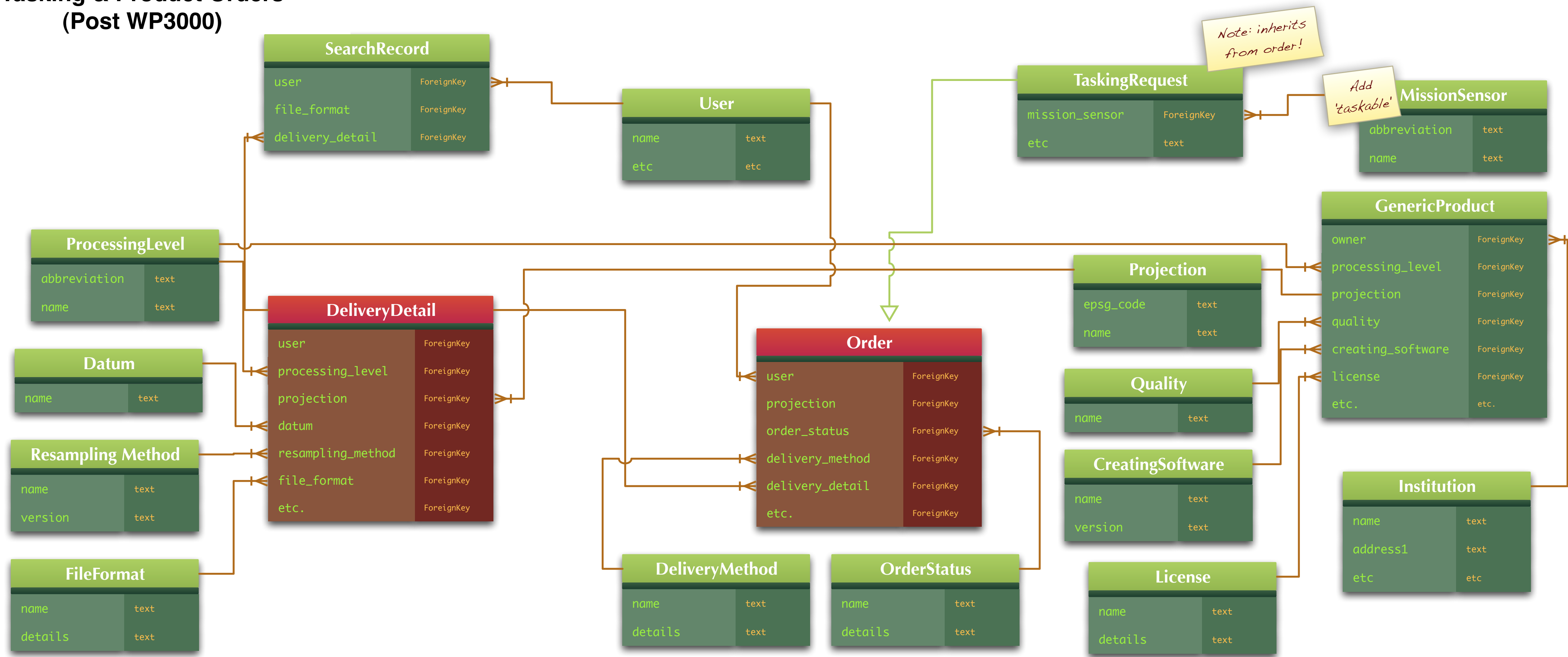
*e.g. AVHR, MSS etc.*

*e.g. Landsat, NOAA etc.*





Tasking & Product Orders  
(Post WP3000)



# GIT Topology

