

Supplementary Information on Analysis Modeling

Taken from:

Use Case Driven Object Modeling with UML – A
Practical Approach by Doug Rosenberg

Much of these materials is taken word by word or
paraphrased. This is a good book to have in your
library on OOSE!

1. Introduction to Robust Analysis

- Comes from analyzing the narrative text of each use case and identifying a first-guess set of objects that participate in the Use Cases, and then classifying them as one of three types of objects:
 - Boundary Objects – which actors use in communicating with the system
 - Entity Objects – which are usually objects from the domain model
 - Control Objects – which serve as the glue between boundary objects and control objects.

Introduction – continued

- Used to call boundary objects – interface objects, but conflicts with Java and COM...
- Analysis modeling is critical link between the what (use cases) and the how (interaction diagrams)
 - Not considered a part of UML – proper
 - Will use stereotypes to define these objects – as they behave in ways that UML doesn't formally define.
- Many do not use this type of Preliminary Design. But it is so critical.