I – Static Construction

⇨ **What are the basic issues? Why?**

⇨ **What is the process of static assembly?**
    ↳**What are the steps?**
    ↳**What are the important concepts?**
    ↳**When are you finished?**

⇨ **What are the build roles?**
    ↳**Why are they important?**
    ↳**What to these roles accomplish?**

⇨ **What are the problems?**

II – Dynamic Construction

➲ **What is the primary technique used in dynamic construction? Why is it useful? Problems?**

➲ **What is CORBA?**
- ↳ **How general is it?**
- ↳ **What kinds of systems is it useful for?**
- ↳ **What is it architecturally?**
- ↳ **What are its goals? Benefits? Problems?**

➲ **What is the basic structure of CORBA?**
- ↳ **What are the basic elements?**
- ↳ **What to do they do? Why?**
- ↳ **What is the basic concept used?**
- ↳ **What is the basic method employed?**
- ↳ **How does it accomplish this method**
  - ➢ **What are its basic elements and what do they do?**
- ↳ **How do you get started?**
- ↳ **What are some of its critical services?**

III – Microsoft COM

➲ **What is COM and how does it differ from CORBA?**

➲ **What is the fundamental entity?**
- ↳ **What is its structure?**
- ↳ **What technique does it use?**
- ↳ **What concepts does it need to work?**

➲ **What operations are needed? For what problems?**

➲ **How does COM keep track of system elements?**

➲ **What composition/structuring techniques does COM provide?**
- ↳ **What are the differences?**
- ↳ **What are their uses?**
- ↳ **What are their various benefits and problems?**

➲ **How are components distinguished?**

➲ **What other services are provided?**

IV – Deployment 1

This paper provides a good example of an elegant design to provide a useful solution to a std problem!

➲ **What are the basic post-development activities?**

➲ **Why does deployment require careful coordination and interaction? Between?**

➲ **What was the current state at the time of the paper? Now?**

➲ **What are the typical problems?**

➲ **What are the requirements of tools/technologies to support deployment?**

➲ **What is the primary analogy in play here? What benefits do we gain from this?**

V – Deployment 2

⮞ **What is a software dock?**
  ↳ **What are its characteristics?**
  ↳ **What techniques does it use?**

⮞ **Example: What is OLLA and what does it do?   How?**

⮞ **What are the SW Dock components?**
  ↳ **What do they do?**
  ↳ **Why are they important?**
  ↳ **How are they structured?   Is there a common structure?**