REV'08
Working Session

Consider a typical RE process:

Requirements Engineering
- Requirements Development
  - Elicitation
  - Analysis
  - Documentation
  - Agree & check
- Requirements Management

Modelling
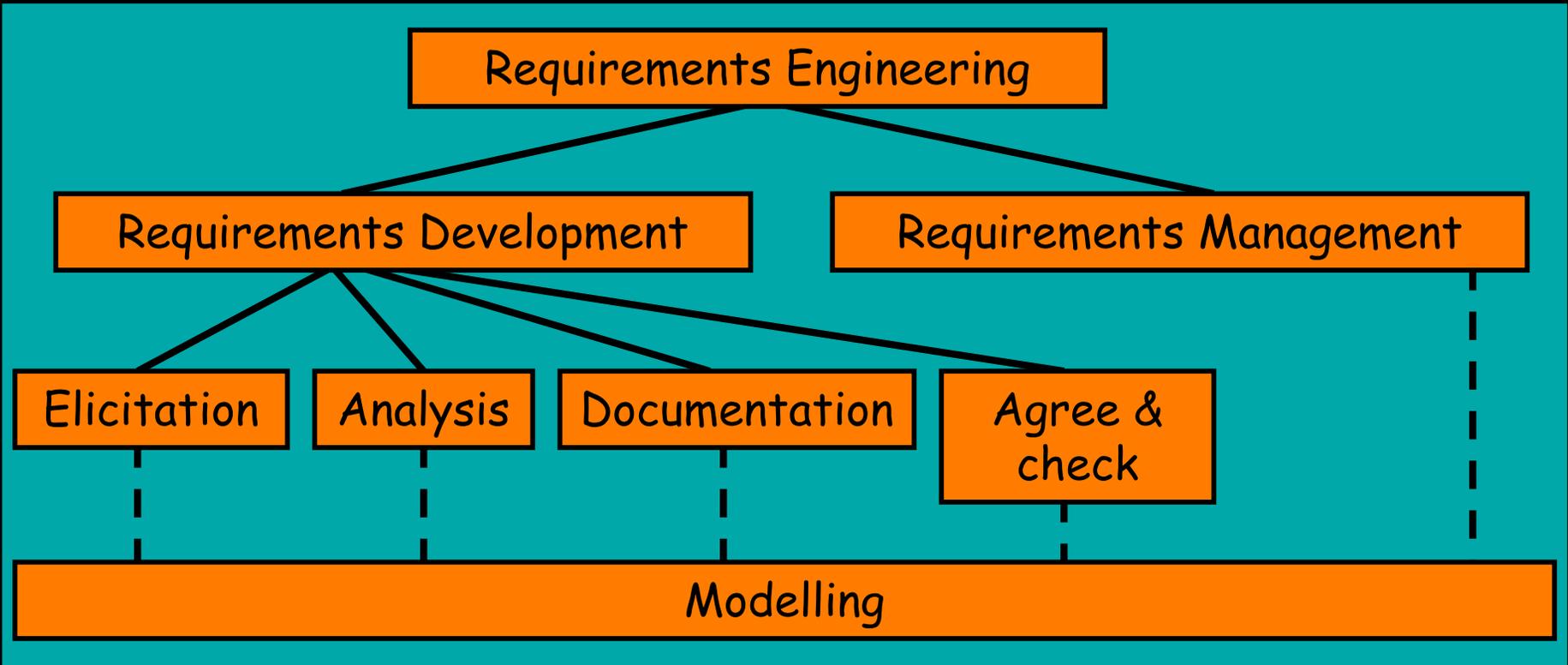
Based on [Wiegers 1999]

Group A) Where is visualization being used in RE and what for?

1. Catalog the work by listing, grouping and labeling the visualization offerings we know of:
   -- Take a look at the various REV visualization offerings
   -- Make a list of which aspect(s) of RE they purport to assist
   -- Which *particular* problems do they claim to support?
   -- List any other relevant work you know of & what aspect of RE it supposedly assists with

2. Assess coverage (i.e., the current scope of visualization support & use in RE):
   -- Which aspects of RE have more visual techniques to support them than others?
   -- Where do we have gaps (i.e., where could we use visualization more)?
   -- What *particular* problems do we have in these RE areas that visualization could potentially help with?

3. Future research:
   -- What should we be doing?
   -- Challenges?

Group B) A framework for evaluating RE visualization offerings

1. How do we determine what is a good/bad visualization?
   -- What are the criteria we should be using to evaluate them?
   -- Brainstorm examples of superb visualizations from other domains -- why do they work?

2. How well are we doing in RE? (i.e., status assessment):
   -- Take a look at the various REV visualization offerings
   -- How do the current offerings stack up?
   -- Is there any evidence they are used?
   -- Is there any evidence they are useful?
   -- Do you understand them?
   -- Any personal favourites?

3. Future research:
   -- What should we be doing?
   -- Challenges?

Plan

- 2 groups -- A & B

- Brainstorm bullet points for 1 hour

- 10 minutes for each group to report back (appoint a spokesperson)

- 10 minutes for a wrap-up -- consensual challenges (towards a research agenda for REV)