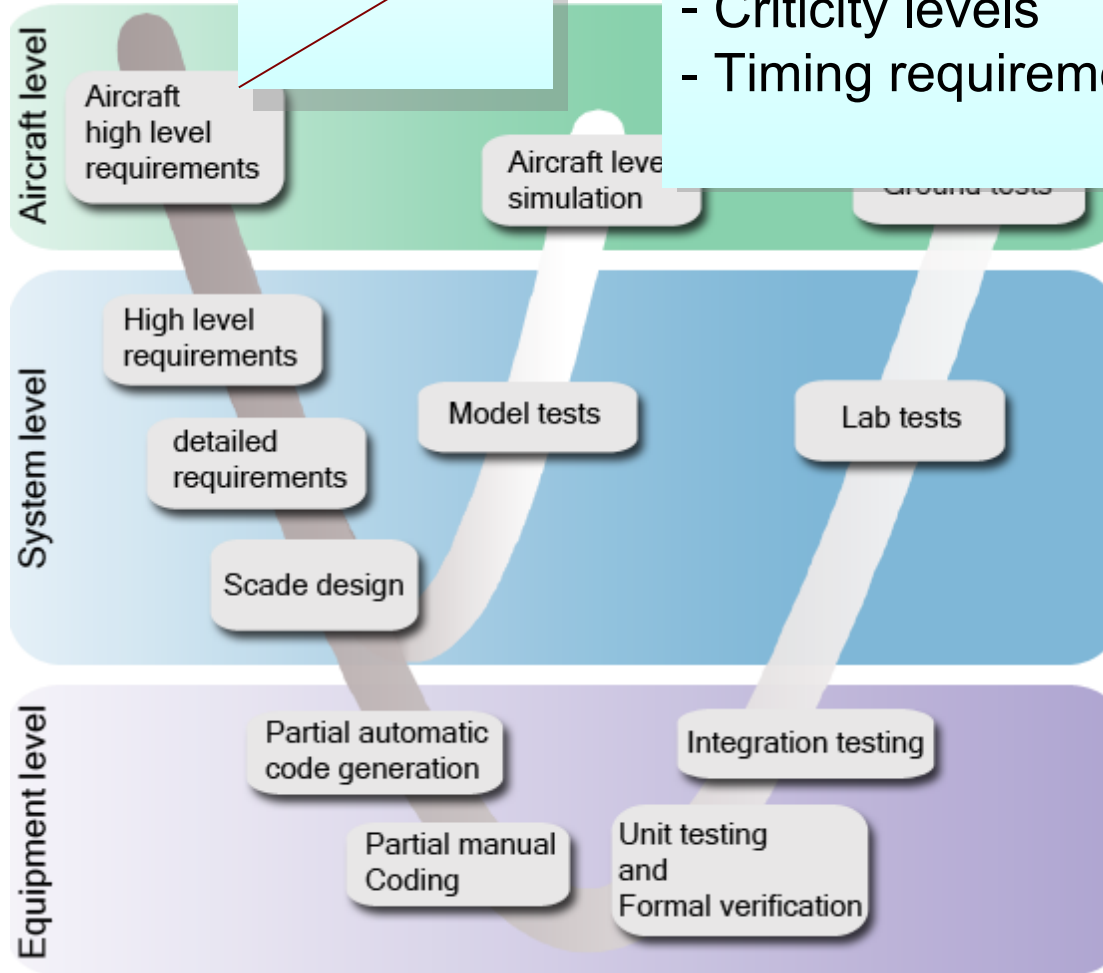
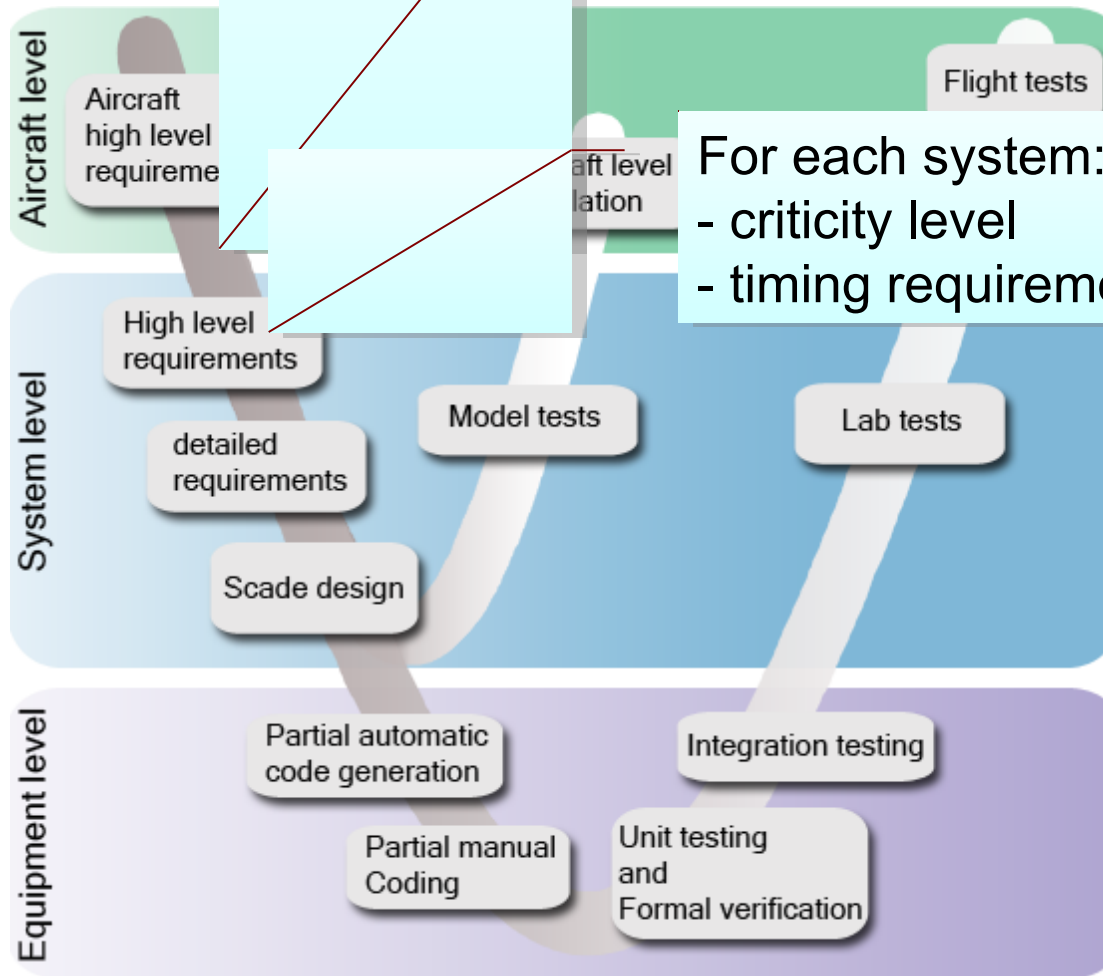


Identify “Aircraft functions” along with :

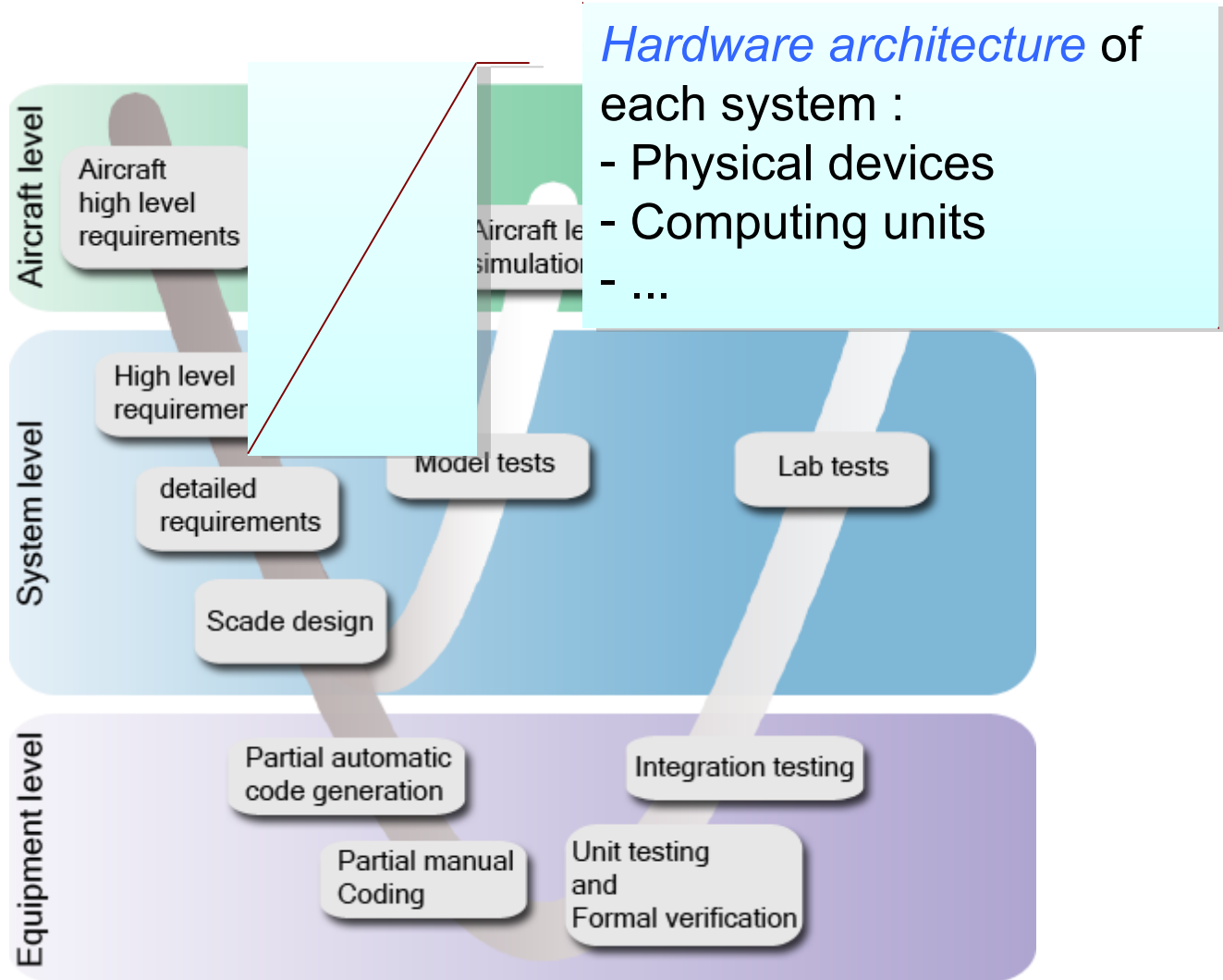
- Criticality levels
- Timing requirements...



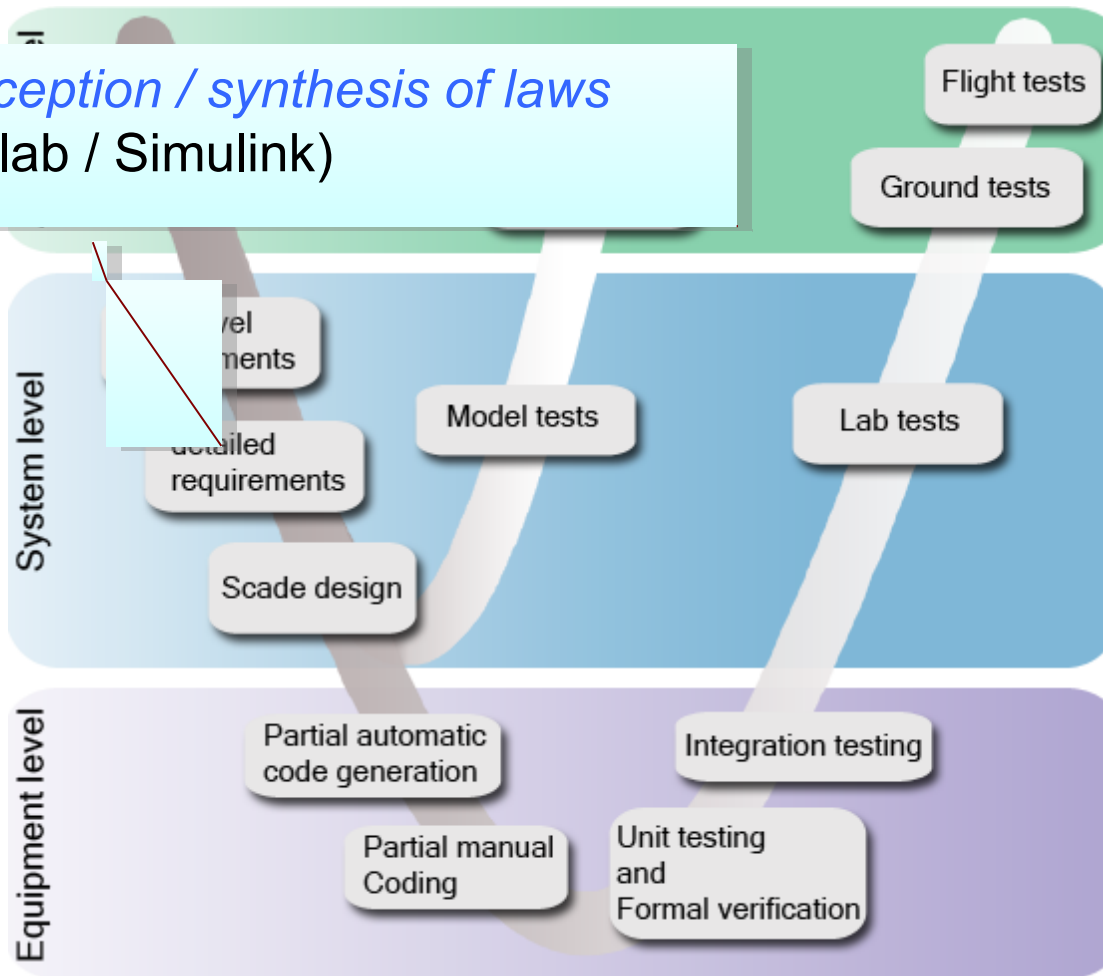
Identify “systems” that implement “functions”.

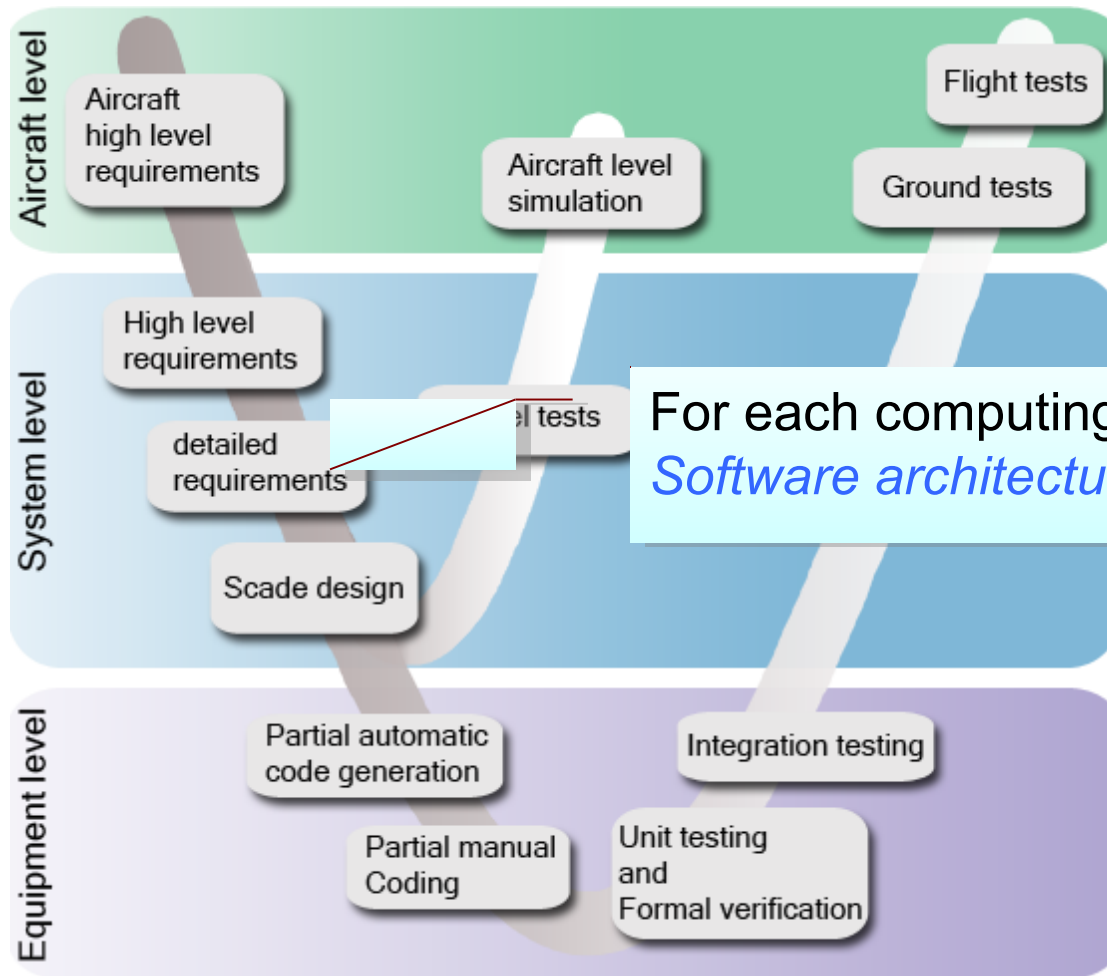


For each system:  
- criticality level  
- timing requirements

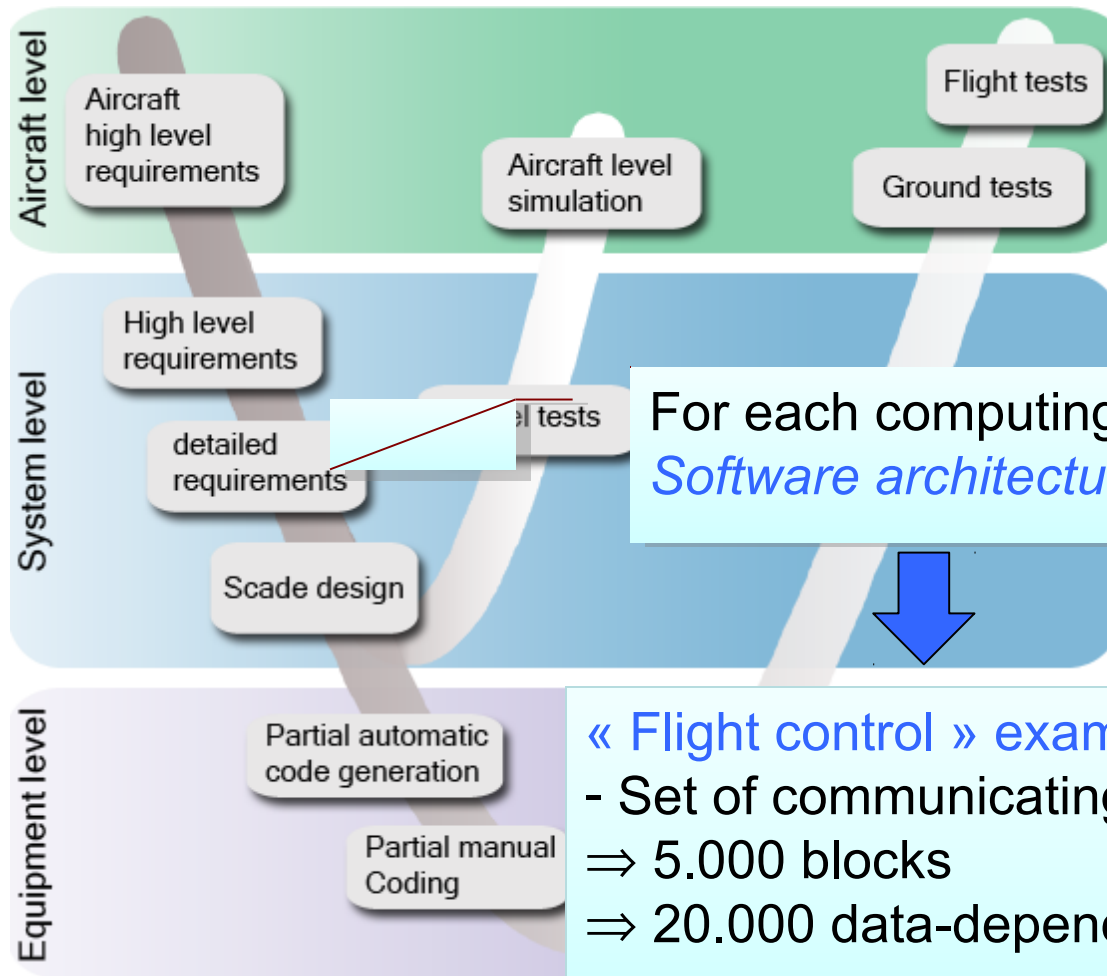


*Conception / synthesis of laws*  
(Matlab / Simulink)





For each computing unit :  
*Software architecture*



### « Flight control » example

- Set of communicating “blocks”
  - ⇒ 5.000 blocks
  - ⇒ 20.000 data-dependencies

