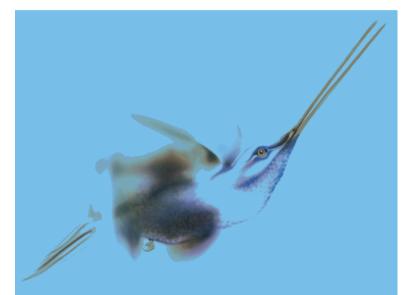
Software Requirements are System Requirements



# **Anthony Hall**

RE'01 25.04.01

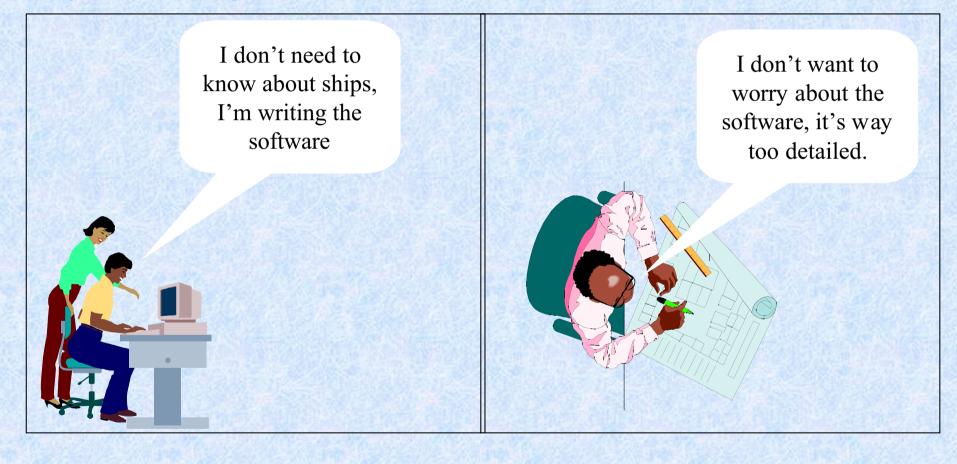
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## Software Requirements are Systems Requirements

- Who says they aren't?
- The theory
- The evidence
- Design is fractal
- So what?

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### System Integration: How It's Done



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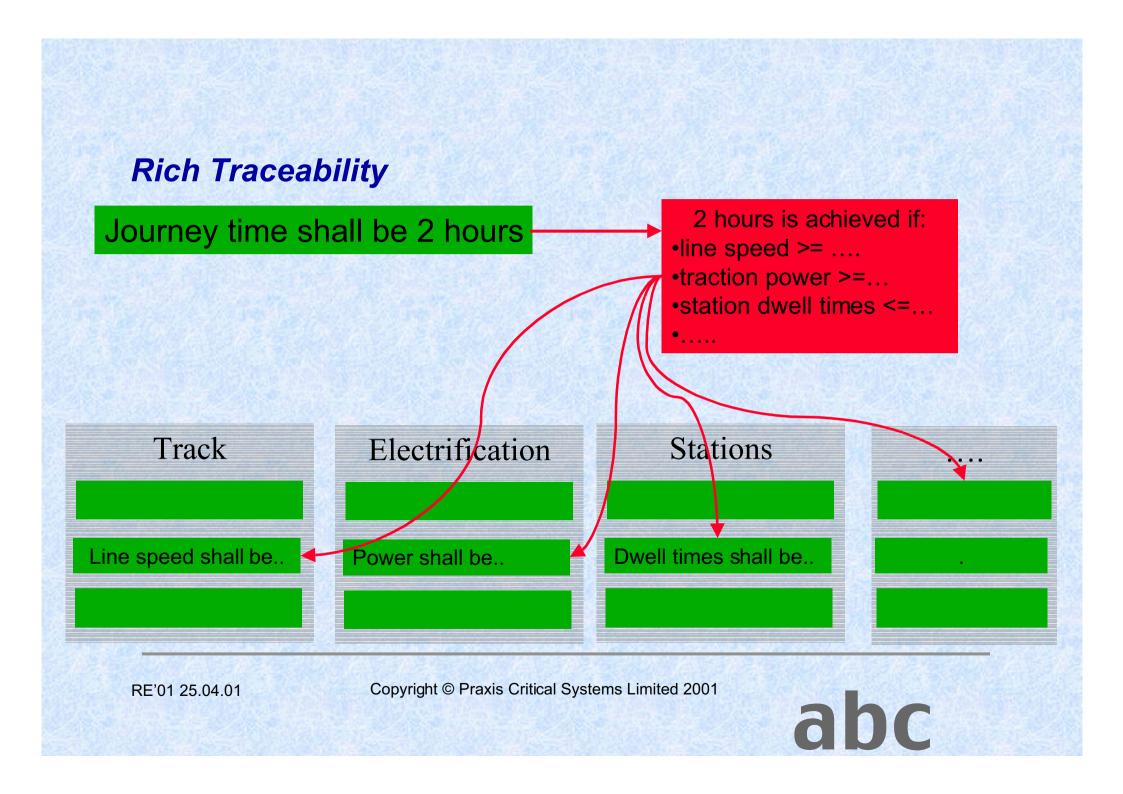
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The Principle: Getting from Requirements to Systems

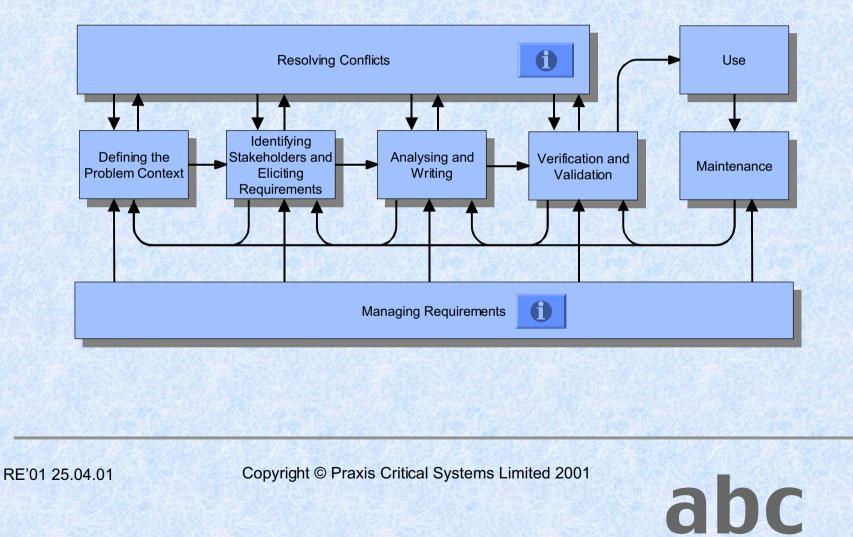
**D**, **S √ R Specification** Show a red light to drivers and a green Requirement light to pedestrians Allow pedestrians to cross the road safely Domain **Knowledge Drivers stop at red lights** 

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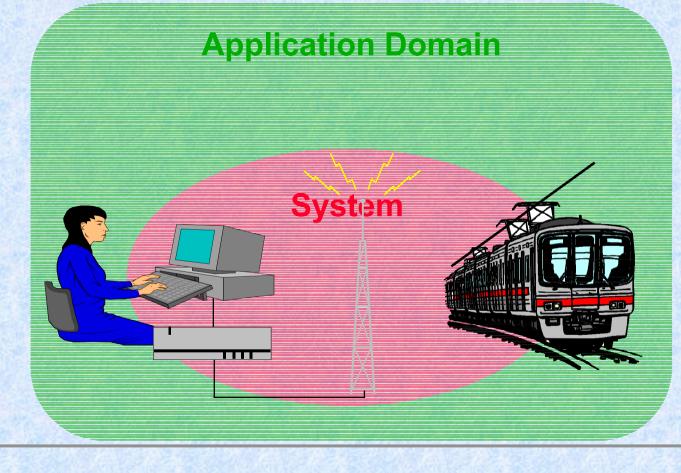
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### **The Requirements Engineering Process**



# A Systems Example



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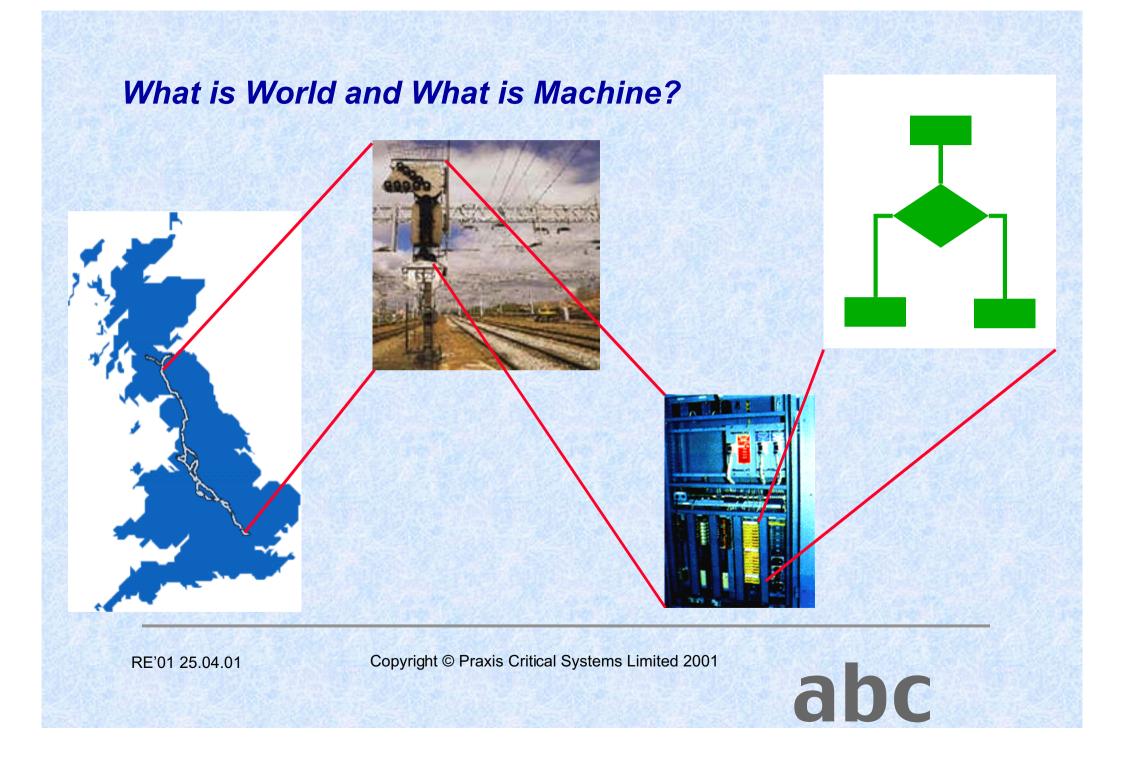
## A Software Example



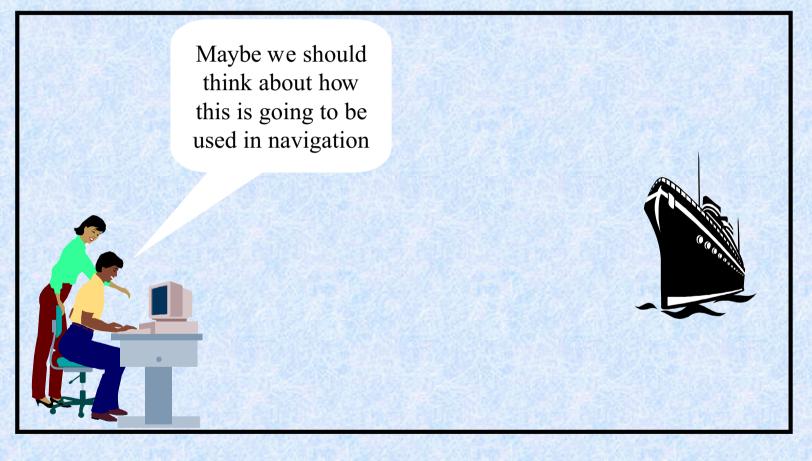
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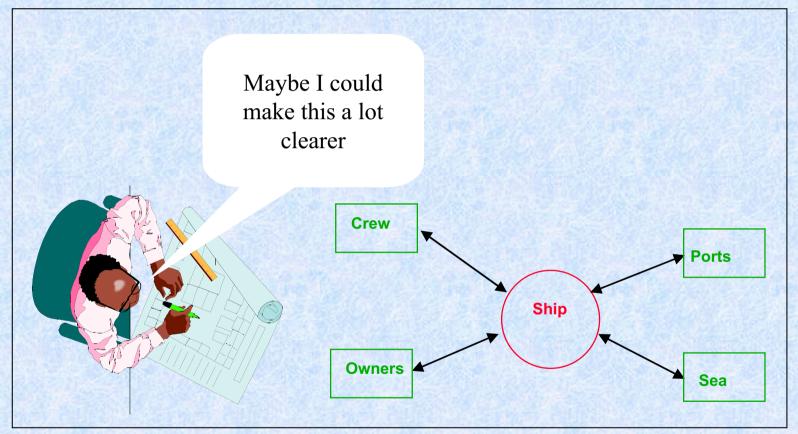
# So Why Are You Telling Me This?



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## But it's Not Just One Way Traffic



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