

Systems Engineering Fundamentals Life Cycle

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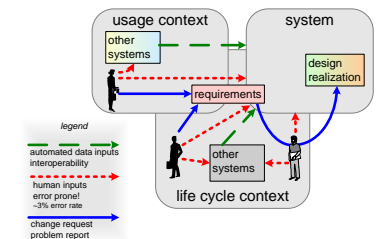
Abstract

Products and enterprises evolve over time. This presentation explores the impact of these changes on the system and on the business by making (small and simple) models of life cycle aspects.

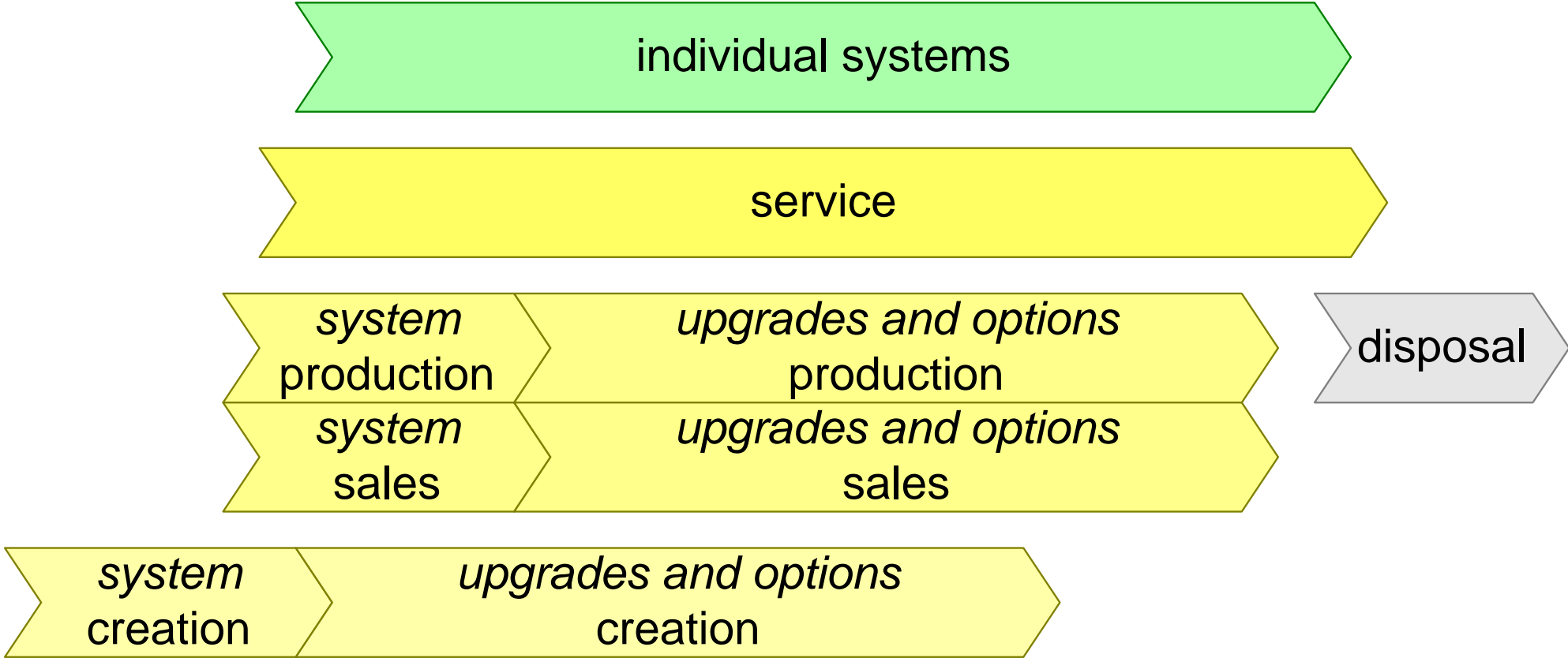
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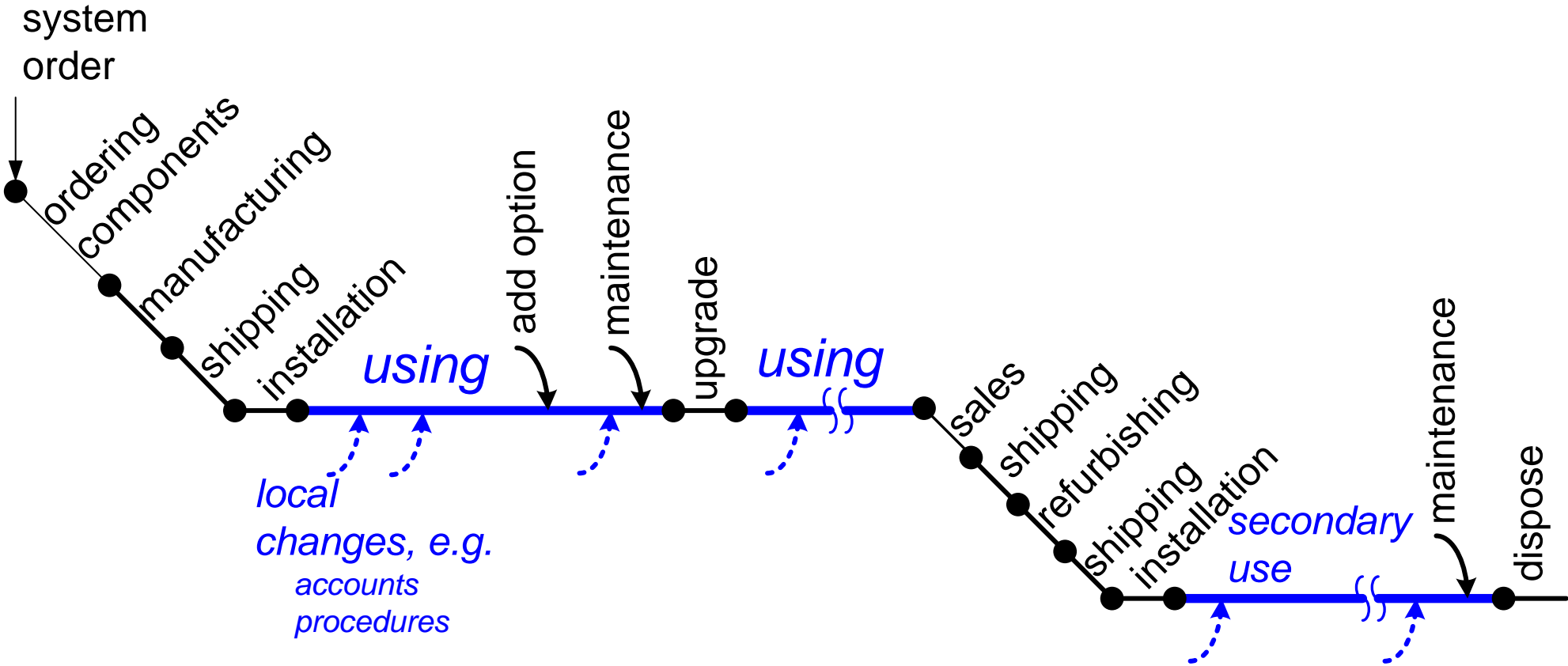
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Product Related Life Cycles



System Life Cycle



Approach to Life Cycle Modeling

| | | |
|---|----------------------------|-----------------|
| Identify potential life cycle changes and sources | | |
| Characterize time aspect of changes | how often how fast | |
| Determine required effort | amount type | |
| Determine impact of change on system and context | performance reliability | } see reasoning |
| Analyse risks | business | |