

# Mastering Systems Integration; Impact of Change

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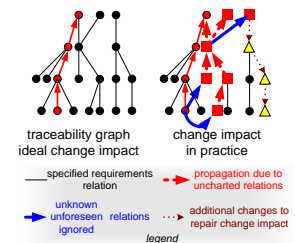
## Abstract

This presentation explains the impact of change. A frequent problem is that people do not foresee the impact of changes they make to the system. A naive assumption is that traceability or dependency graphs will show them such impact. Reality then hits them during systems integration.

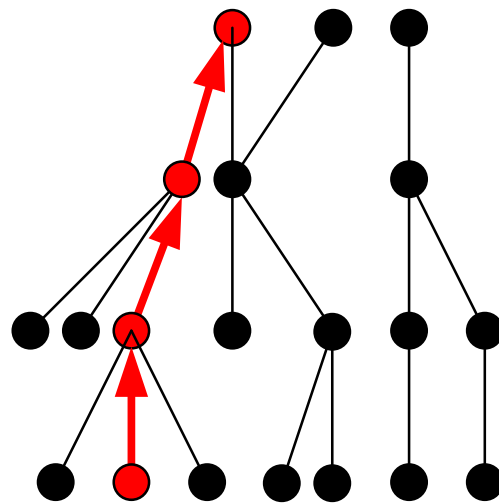
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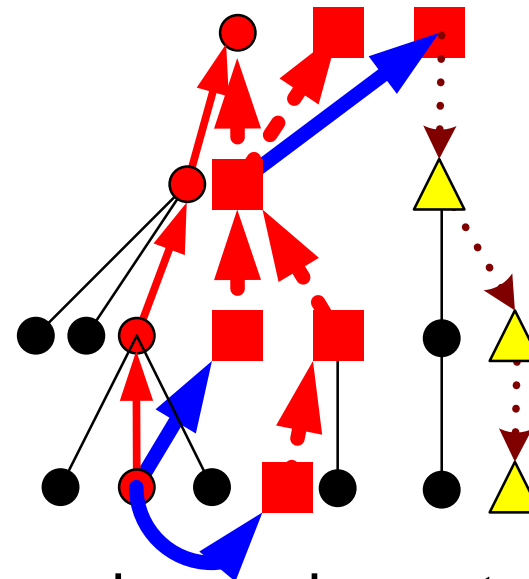
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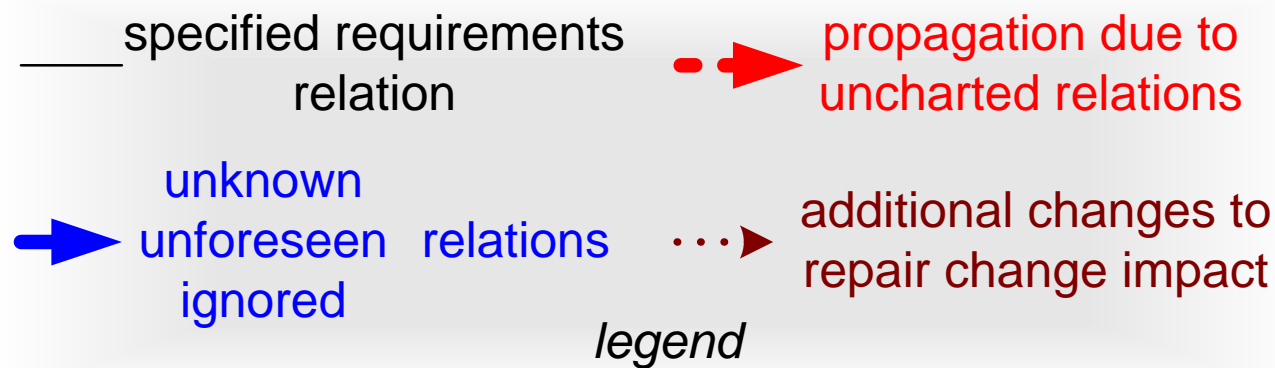
# Impact of Change due to Unforeseens



traceability graph  
ideal change impact

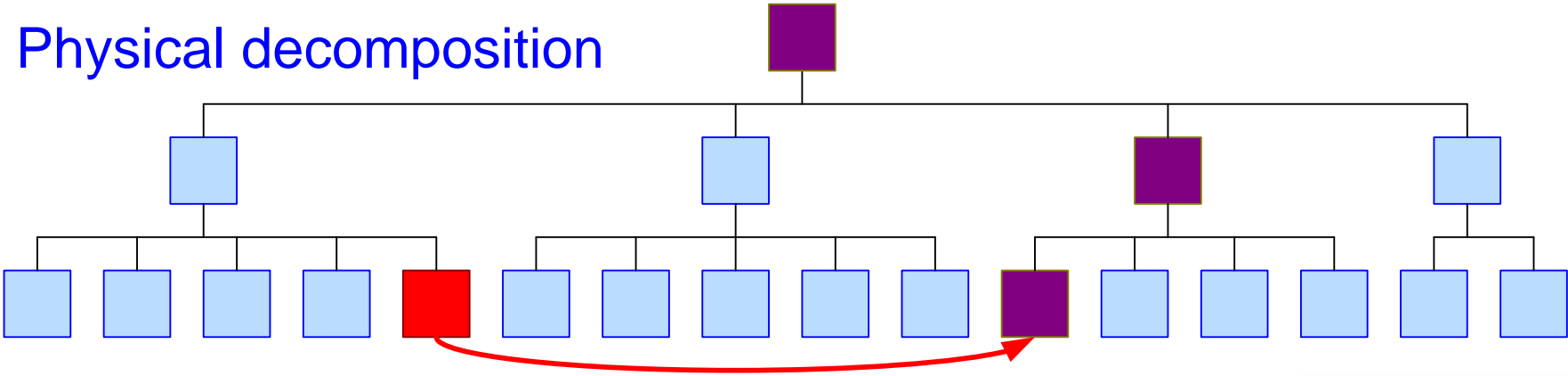


change impact  
in practice

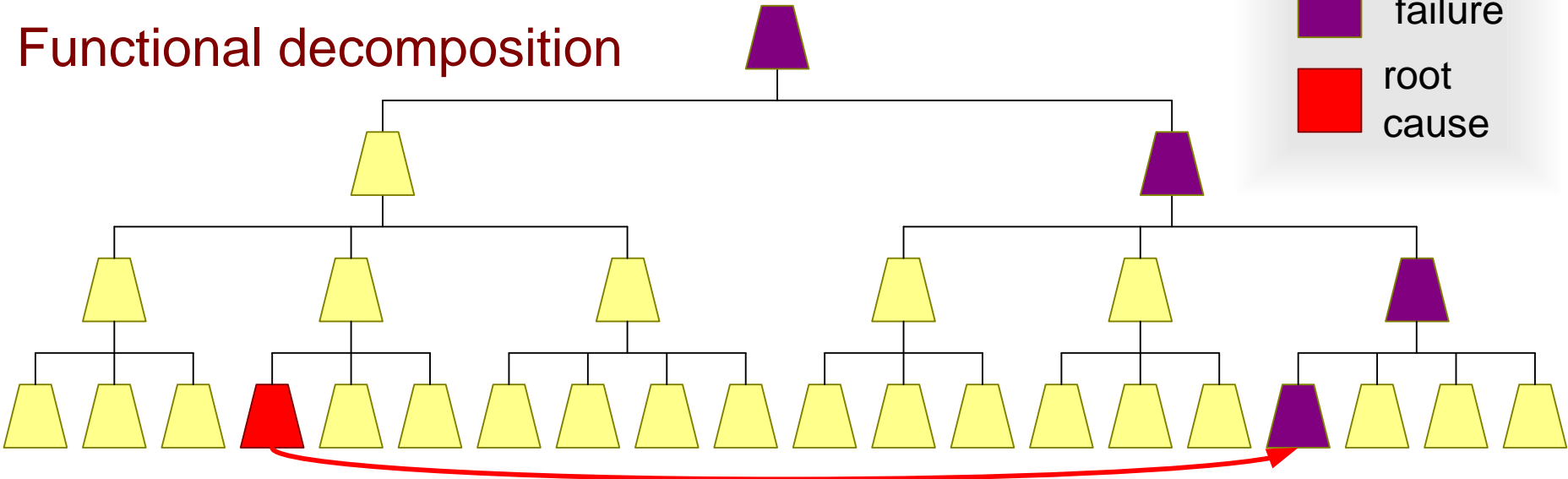


# Root Cause is Often Elsewhere

## Physical decomposition



## Functional decomposition



legend

- failure
- root cause

unknown or unexpected relation

# “Nothing has been changed...”

