Abstract

The balance between generic and specific architecting methods is discussed. The output of the architect must be compact and hence generic, but this output is based on many specific details which have been taken into account.
**Strong and weak of generic and specific**

**generic**

- **core qualities**
  - big impact
  - surveyable

- **pitfalls**
  - intangible
  - difficult to validate
  - link to reality?

- **challenge**
  - concrete
  - verifiable
  - understanding

- **allergies**
  - small impact
  - drowning in details

- **over-emphasis**

- **over-compensate**

- **opposite**

**specific**

- **legend**
  - desirable
  - not desirable

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**Balancing Genericity and Specificity**

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GVSquadrants
Generic diagrams are based on specific details

**Figure 15.5**
SW processes

**Figure 15.1**
image quality context

**Figure 15.8**
memory budget

**Figure 15.7**
construction decomposition

**Figure 15.2**
processing pipeline

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**Balancing Genericity and Specificity**

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GVSdiagrams

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every block, number of word is based on hundreds of specific design details (loc, measurements, images, connections, etc.)
Architecting method: supporting the balance

Balancing Genericity and Specificity

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GVSmethod