

Data-Centric Systems and Applications

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Mashups

Concepts, Models
and Architectures

 Springer

Chapter 9 **Quality in Mashup Development**

Figures

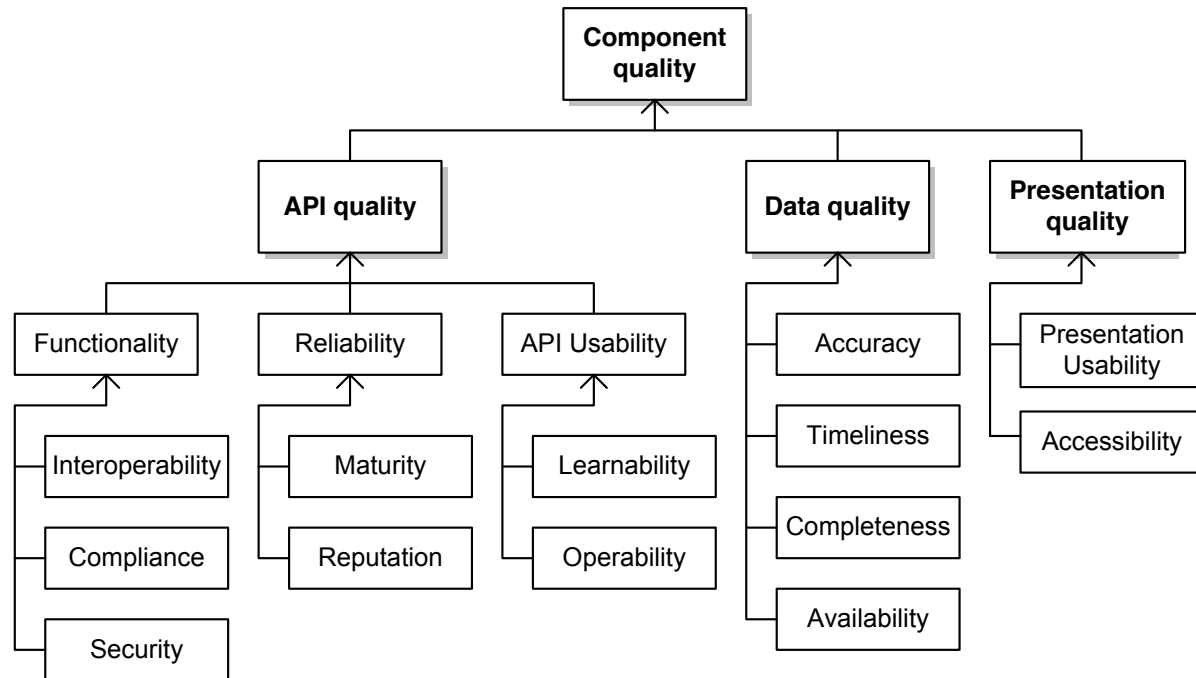


Fig. 10.1 Dimensions, attributes, and sub-characteristics for the quality of mashup components [56].

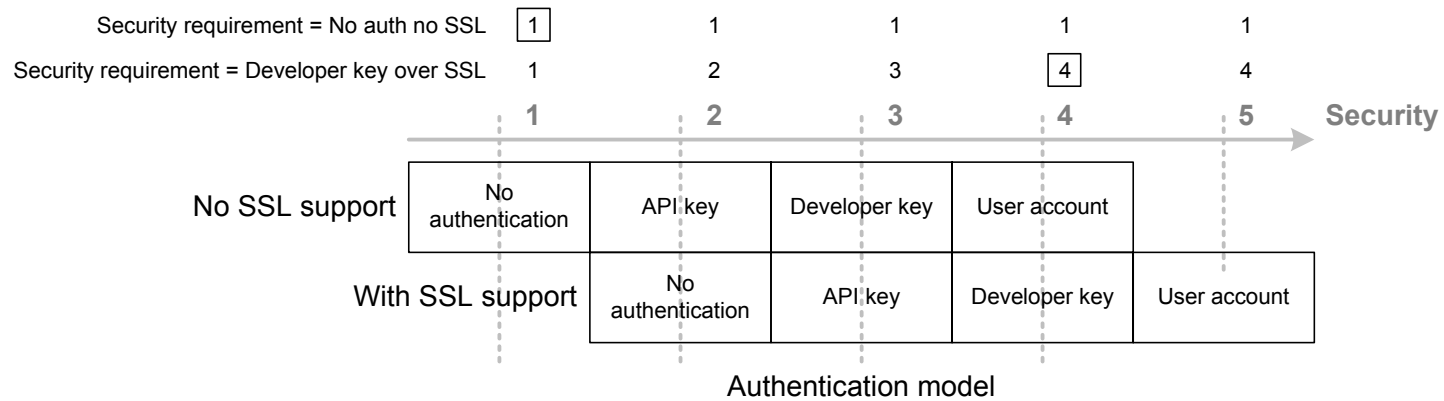
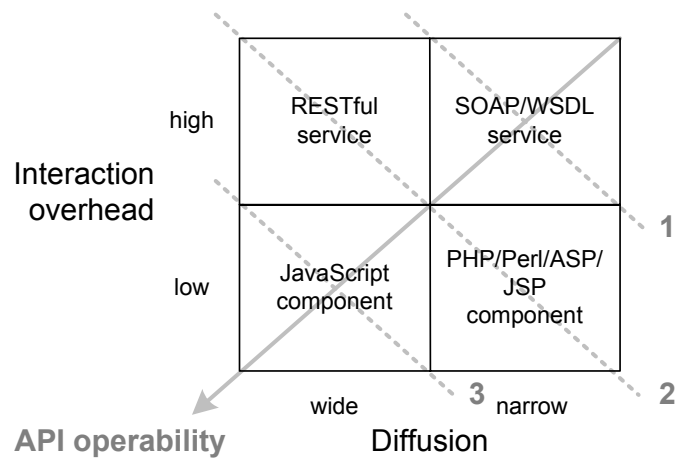
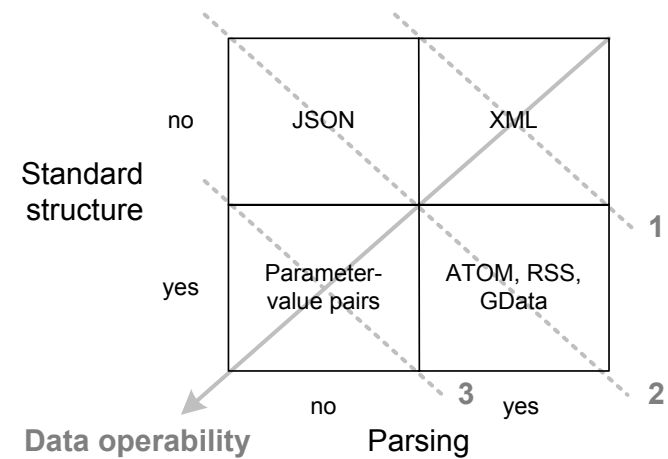


Fig. 10.2 Possible security mechanisms adopted by mashup components and examples of component security scores [56].



(a) A metric to measure operability of API types



(b) A metric to measure the operability of data formats

Fig. 10.3 Operability of the technologies used at the application and data level [56].

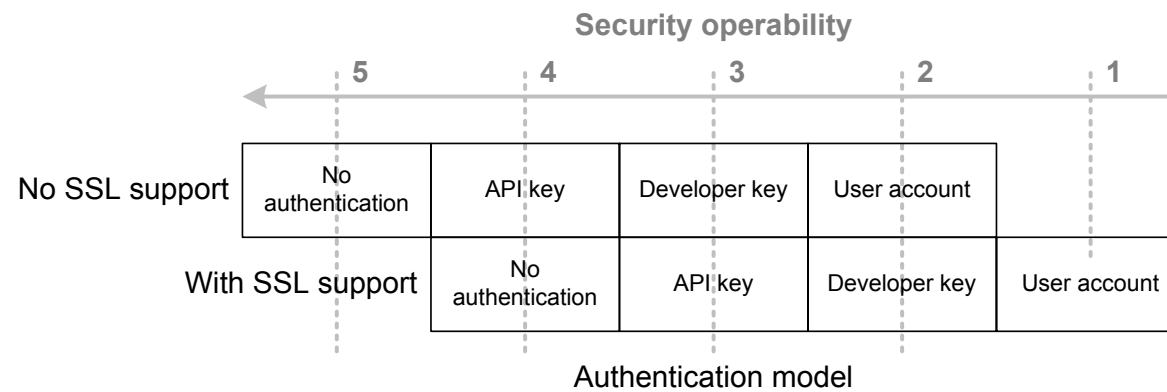


Fig. 10.4 Operability of the security mechanisms

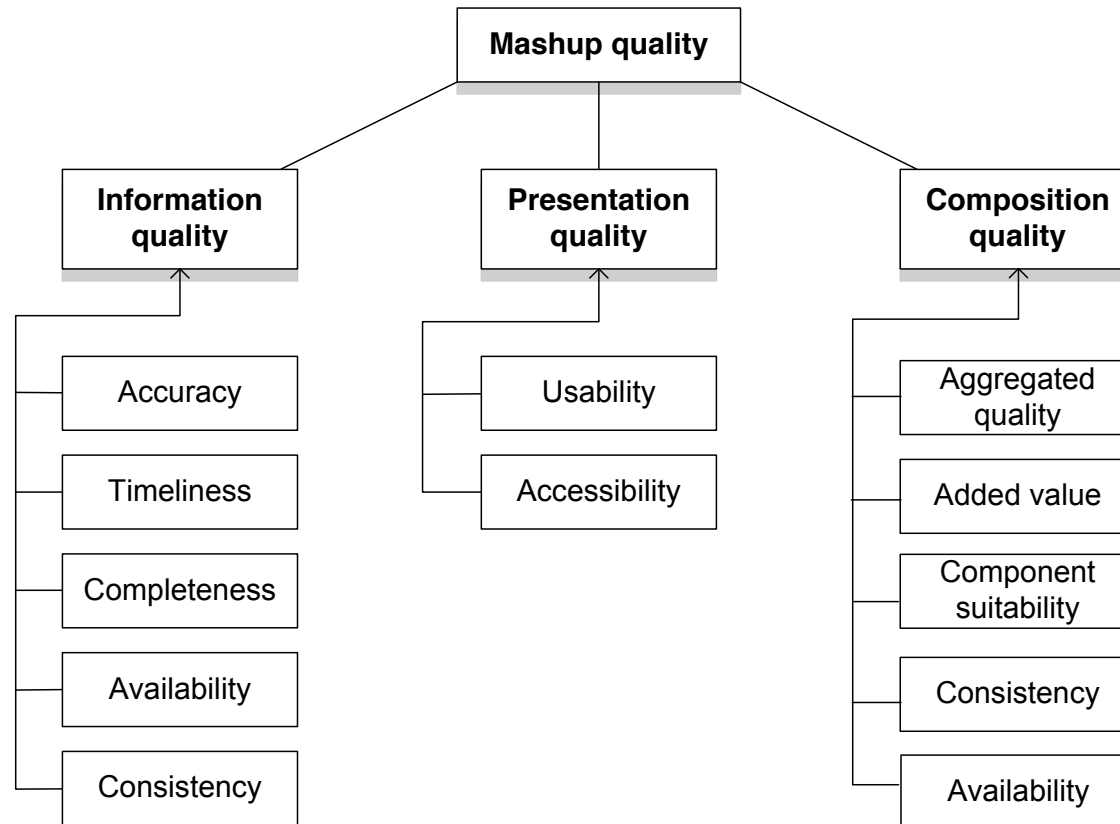


Fig. 10.5 Dimensions, attributes and characteristics in a mashup quality model [55].

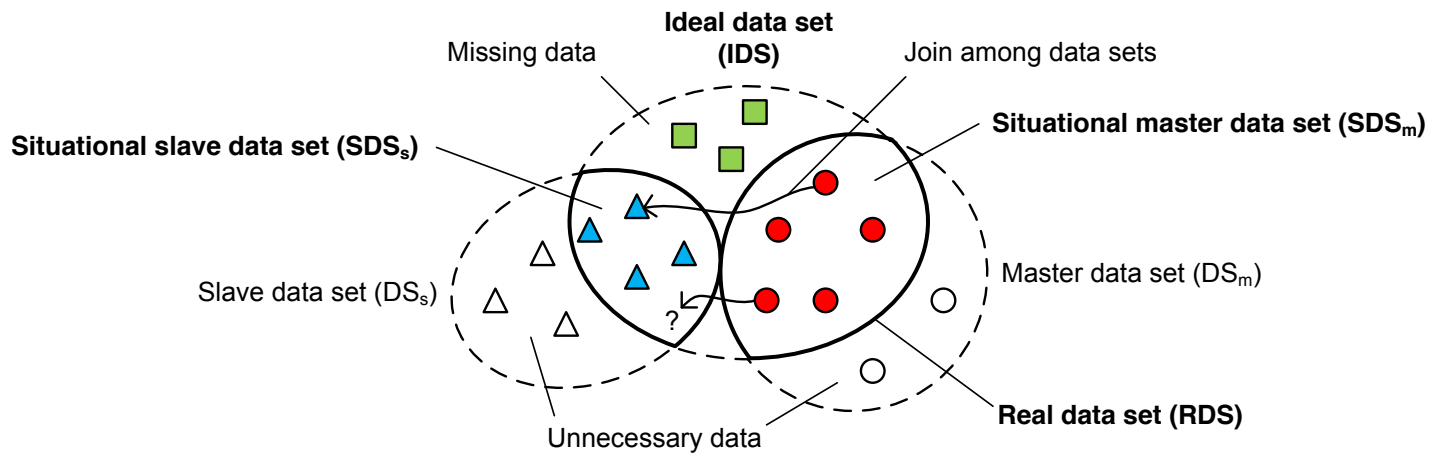
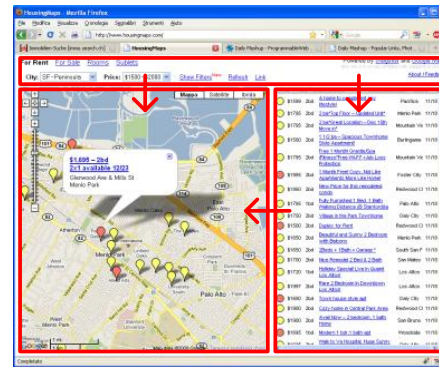


Fig. 10.6 Data sets involved in information integration in mashups [57].

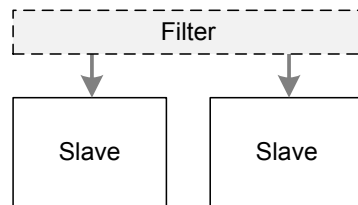
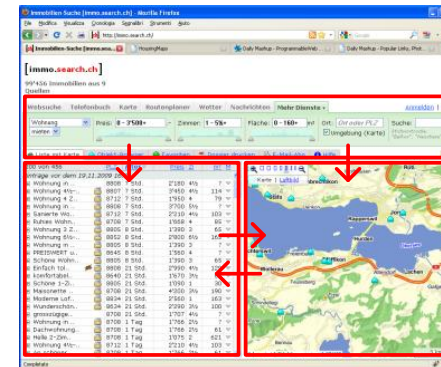
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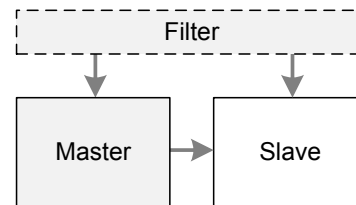
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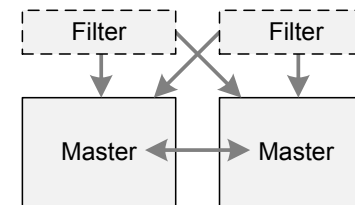
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(a) Slave-Slave pattern



(b) Master-Slave pattern



(c) Master-Master pattern

Fig. 10.7 Examples of (a) the slave-slave pattern, (b) the master-slave pattern, and (c) the master-master pattern as observed in three online mashups [57].