

- 1) Each FACT combines with one or more MEANINGS.
- 2) Each specific FACT and MEANING combination is referred to as a DATUM.
- 3) An INFORMATION is one or more DATA that are returned in response to a specific REQUEST
- 4) INFORMATION REUSE is enabled when one FACT is combined with more than one MEANING.

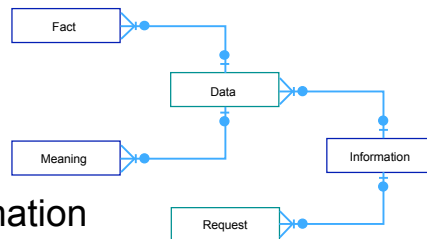
1 - <http://idatar.com>

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Use Models to

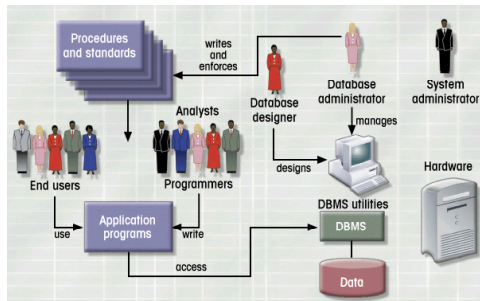
- Store and formalize information
- Filter out extraneous detail
- Define an essential set of information
- Help understand complex system behavior
- Gain information from the process of developing and interacting with the model
- Evaluate various scenarios or other outcomes produced by the model
- Monitor and predict system responses to changing environmental conditions



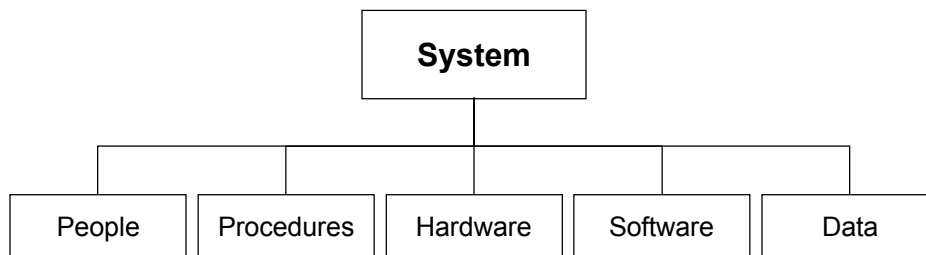
2 - <http://idatar.com>

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What is a System? (as in Database Systems)



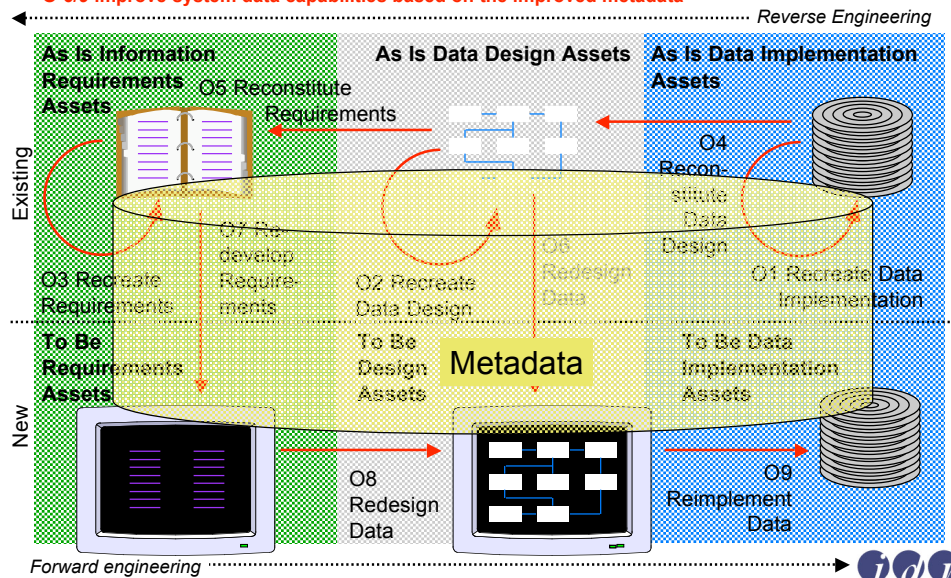
3 - <http://idatar.com>

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Metadata Engineering

- O-1/3 reconstitute original metadata
- O-4/5 improve the current metadata
- O-6/9 improve system data capabilities based on the improved metadata



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