

Introduction to Management Information Systems

Management Information Systems



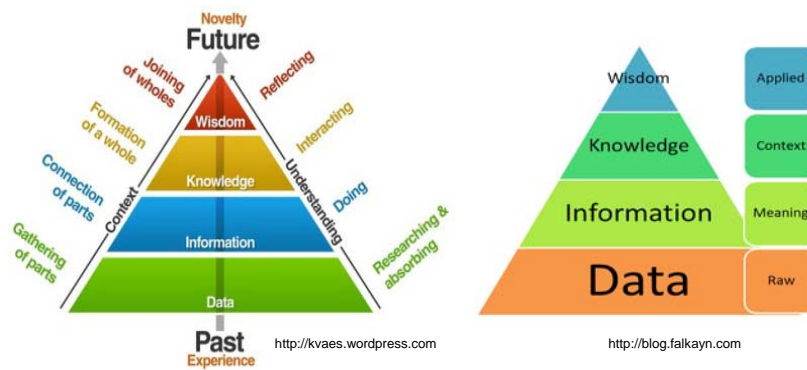
- 166137-01+02
- Management Information Systems
- Spring 2014
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- D. of Information & Electronic Commerce
- WONKWANG University

00. Contents

- 01. Management Information Science
- 02. Management Information Systems
- 03. Management
- 04. Information
- 05. Systems

04. Information

- Wisdom Experienced application of knowledge
- Knowledge Accumulated and shared information with rules
- Information Subjectively meaningful and valuable data
- Data Objective facts and values



04. Information

- Values of Information
 - Quantitative Values
 - Normative Values
 - Realistic Values
 - Subjective Values
 - Qualitative Values
 - Relevancy
 - Accuracy
 - Timeliness
 - Completeness

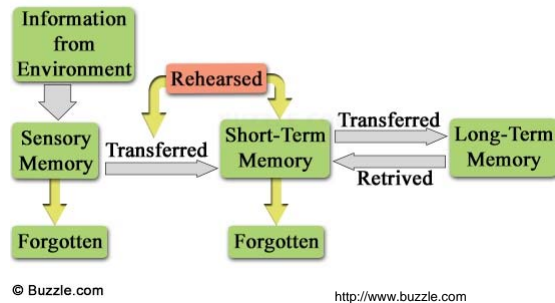


<http://www.charneycoachingconsulting.com>

04. Information

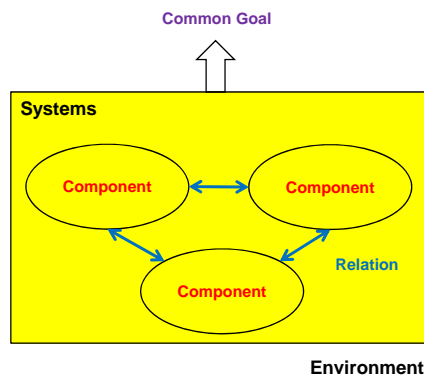
- Human Information Processing

Detailed Information Processing Model



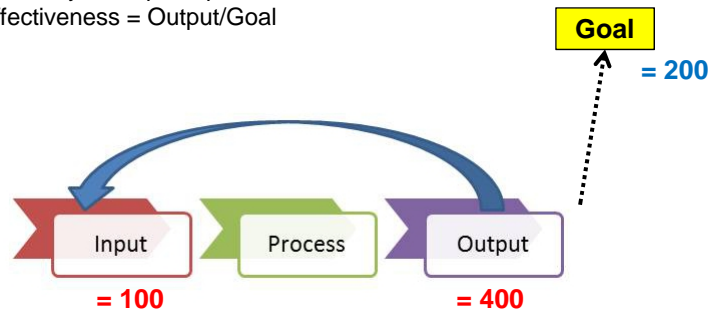
05. Systems

- System
 - A set of components interacting for common goals
- 3 Factors of Systems
 - Component
 - Relation
 - Common Goal



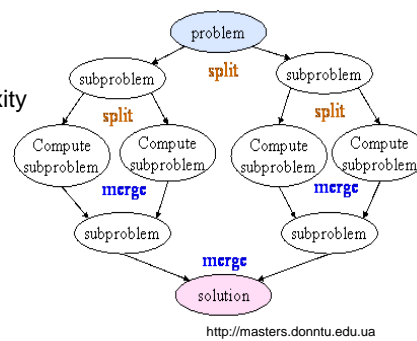
05. Systems

- How to Measure Performance of Systems
 - Efficiency = Output/Input
 - Effectiveness = Output/Goal



05. Systems

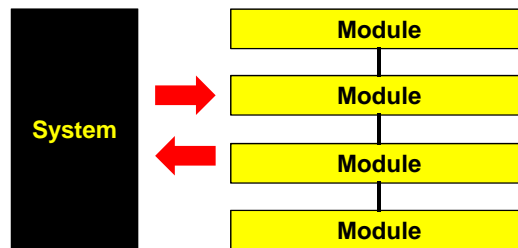
- 4 Factors of Structured Modeling for Systems
 - Abstraction
 - Summary, Simplification
 - Understanding the Intrinsic Nature of Problem
 - Formality
 - Documentation
 - Mathematical Strictness
 - Divide and Conquer
 - As a Means for Dissolving Complexity
 - One thing at a time
 - Hierarchical Ordering
 - Segmentation with Phases



<http://masters.donntu.edu.ua>

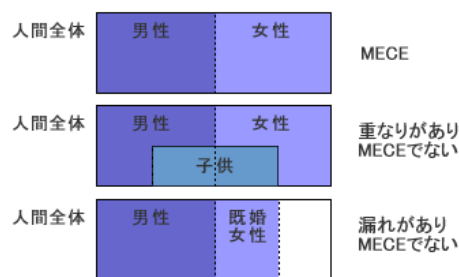
05. Systems

- 3 Phases of Structured Modeling for Systems
 - 1) Partitioning a system into modules
 - 2) Specifying processes (transformation) within the modules
 - 3) Specifying interfaces between modules



05. Systems

- Divide and Conquer
 - Module (= Subsystem)
 - Mutually Exclusive and Collaboratively Exhaustive (MECE)



<http://www.leadershipinsight.jp>