



Zachman Framework

Zachman

A logical structure for classifying and organizing the descriptive representations of an Enterprise that are significant to the management of the Enterprise as well as the development of the Enterprise's systems, manual systems as well as automated systems

www.zachman.com



Zachman

Based on principles found in older disciplines of architecture, engineering and manufacturing.



Zachman

It is an ontology – a theory of the existence of a structured set of essential components of an object (enterprise, value chain, project, building, plane etc) for which explicit expressions are necessary for creating, operating or changing the object.



Zachman

The zachman framework is not a methodology but the framework for describing the enterprise



Zachman

Framework (ontology) is a structure whereas methodology is a process. A structure establishes definition whereas a process provides transformation.



Zachman

Processes based on ontological structure will be predictable and produce repeatable results (chemistry periodic table.)

Processes without ontological structures are dependent on the practitioner skills (software development)



Zachman Communication Interrogatives

An issue or topic is broken down to 6 logical questions

- What (things) – What components are involved?
- How (process) – How do they work?
- Where (location) – Where are they located?
- Who (responsibility) – Who is responsible for what?
- When (timing) – When do things happen?
- Why (motivation) – Why are we doing this?



Zachman Security

Based on three principles

- Role-based access
- Positive identification of a person accessing the enterprise
- Confidentiality of data transmitted outside of the enterprise

