The Future of Architecting Research

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Abstract

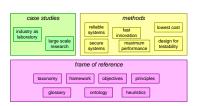
The discipline of systems architecting must be developed in the wider context of existing disciplines and related research work. The body of knowledge to be developed consists of a frame of reference, systems architecting methods and case descriptions.

The education of architects must be developed concurrently with the know how. Know how gets value via skilled people.

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The context of architecting

management disciplines

technology management, business management, process management, quality assurance, project management

natural system architect habitat

standardisation bodies, professional societies

IEEE, ISO, ACM, IFIP, INCOSE

system architecting

communities, conferences

requirements engineering, reliability engineering, product lines, SW architecting, TRIZ, RUP

human sciences

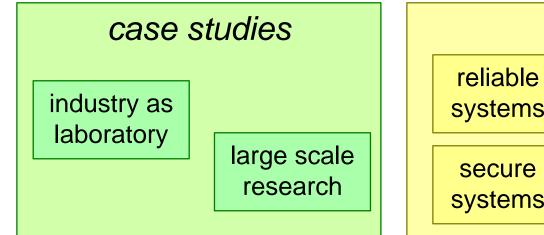
psychology sociology pedagogy anthropology theology

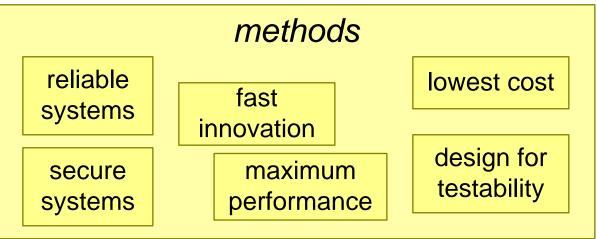
classical disciplines

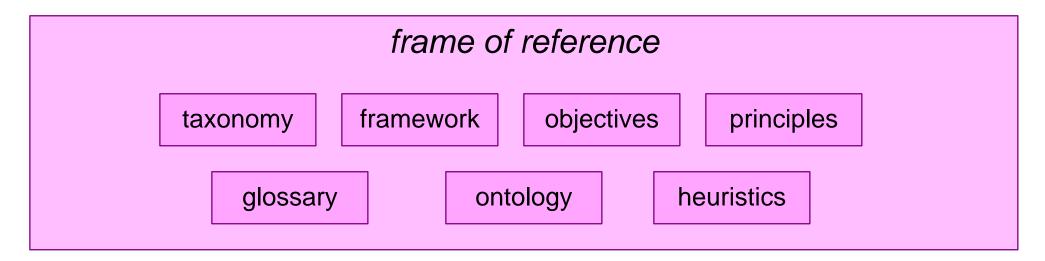
mathematics, physics, chemistry, biology, medicine, economics, computer science, mechanical engineering, electronical engineering



System architecting research: to do









Curriculum system architecting

