
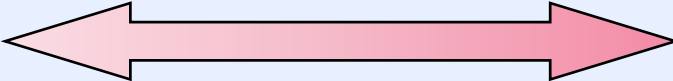


# The Architecting/Engineering Spectrum

	Simple			Complex
<b>Sponsors</b>	One, w/ \$	Several, w/ \$	One, w/o \$	Many, w/o \$
<b>Users</b>	Same as sponsors	Aligned with sponsor	Distinct from sponsor	Unknown
<b>Technology</b>	Low	Medium	High	Super-high
<b>Feasibility</b>	Easy	Barely		No
<b>Control</b>	Centralized	Distributed		Virtual
<b>Situation-Objectives</b>	Tame	Discoverable	Ill-structured	Wicked
<b>Quality</b>	Measurable	Semi-measurable		One-shot and unstable
<b>Architecting Method</b>	Conventional			Applied Systems Architecting Method (ASAM)

Courtesy of Jim Whalen and Mark Maier

# Conventional vs Advanced System Architecting

- **Mark Maier's theme for his advanced architecting series of courses (which run about 25 days long) is that for unprecedented systems we need to proceed in parallel with needs and architecture. We should not go through a requirements definition phase when we aren't that certain about requirements nor architecture.**
- **The previous slide shows a spectrum of applications and the applicability of conventional SE architecting versus his ASAM.**