

# Positioning the CAFCR Method in the World

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## Abstract

This chapter positions the CAFCR architecting methods relative to other methods. The other methods originate in software architecting, system architecting and system engineering, and more general systems science. Some background is given of the IEEE 1471 standard that has proven to be to be a useful fundament for the CAFCR method.

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SAAM ATAM 4+1 4 views ZIFA 9/26 VAP	SEI Kuchien Soni Zachman ISO Bredemeyer	SE practices 1471 CAFCR and threads of reasoning	INCOSSE IEEE Systems engineering Systems architecting	TRIZ GST	Altschuler Hatch Hatchman (General System Theory)
software architecting methods	multi-disciplinary systems architecting methods	methods also addressing process and organization	very generic methods	mono-disciplinary engineering methods	

# Positioning of “CAFCR”

<p>SAAM ATAM 4+1 4 views ZIFA 9126 VAP</p> <p>SEI Kruchten Soni Zachman ISO Bredemeyer</p> <p>software architecting methods</p>	<p>SE practices INCOSE 1471 IEEE</p> <p>CAFCR and threads of reasoning</p> <p>multi-disciplinary systems architecting methods</p>	<p>Systems engineering Martin Systems architecting Rehtin Maier</p> <p>methods also addressing process and organization</p>	<p>TRIZ Altshuller GST Hitchens Heylighen (General System Theory)</p> <p>very generic methods</p>
<p>mono-disciplinary engineering methods</p>			

# Unique Contribution of this Thesis

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- Integral and Multi-disciplinary
- Goal-Oriented
- Practical, based on Industrial Experience
- Flexible
- Builds on standards
- Support for short innovation cycles

# IEEE 1471 model



