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 a useful fundament for the CAFCR method.
### Positioning of “CAFCR”

<table>
<thead>
<tr>
<th>SAAM ATAM</th>
<th>SE practices</th>
<th>INCOSE 1471 IEEE</th>
<th>Systems engineering</th>
<th>TRIZ Altshuller</th>
<th>Systems architecting</th>
<th>MARTIN Rechtin Maier</th>
<th>GST Hitchins Heylighen</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZIFA 9126 VAP</td>
<td>multi-disciplinary systems architecting methods</td>
<td>CAFCR and threads of reasoning</td>
<td>methods also addressing process and organization</td>
<td>very generic methods</td>
<td></td>
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<td>4+1 4 views</td>
<td>software architecting methods</td>
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**Positioning the CAFCR Method in the World**

Gerrit Muller

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PARWmethods
Unique Contribution of this Thesis

- Integral and Multi-disciplinary
- Goal-Oriented
- Practical, based on Industrial Experience
- Flexible
- Builds on standards
- Support for short innovation cycles
IEEE 1471 model

System has Architecture

Described by Architecture Description

Consists of Stakeholder has concern covers viewpoint

Conforms to view 1

defines model

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VCieee1471model
Architecture description

Architecture

 Subset of which architect is aware

Flattened into

Architecture description

Actually written by architect(s)