

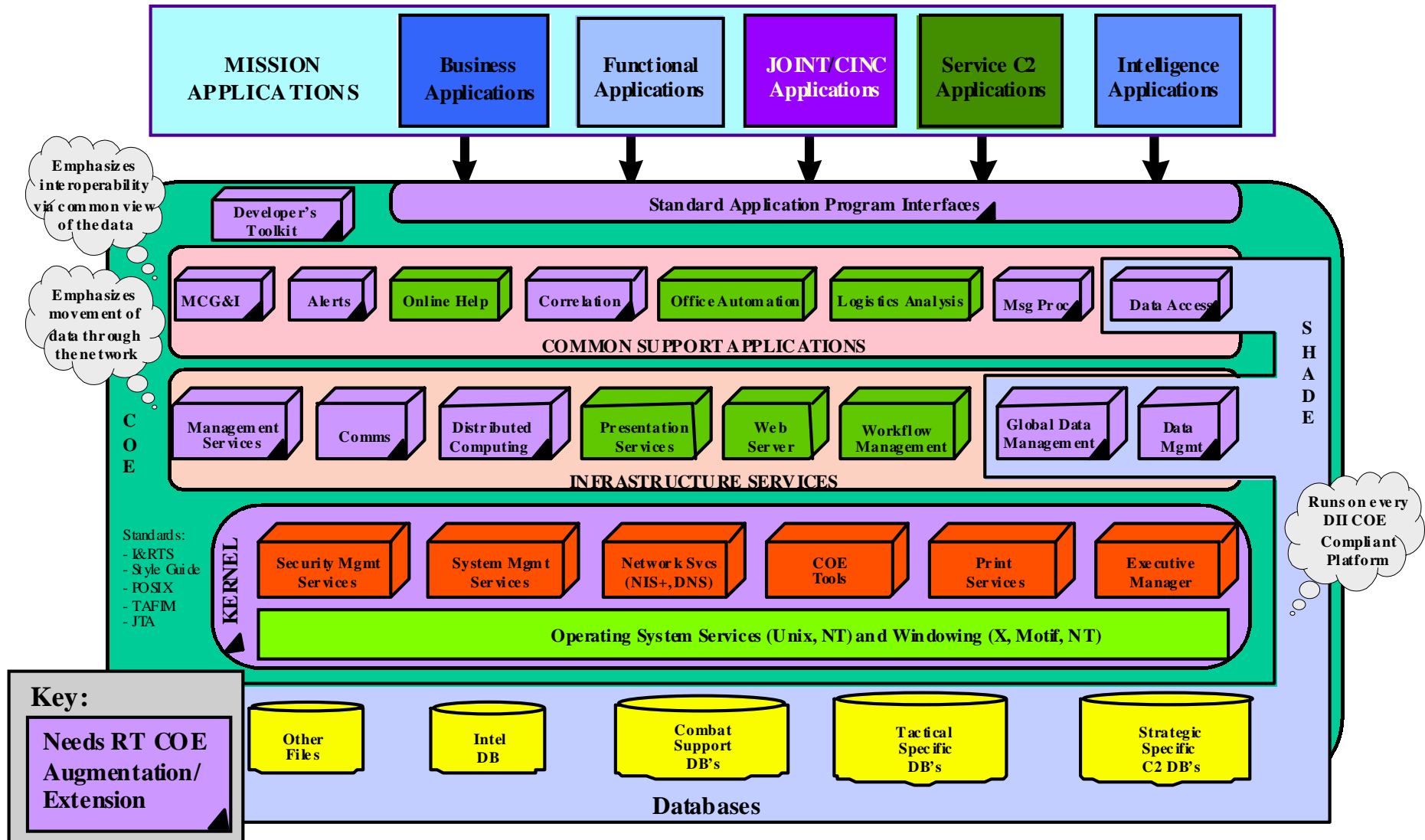
Real-time Advisory Group (RTAG)

John Maurer

23 January 2002

DII COE Taxonomy

The Toaster Chart



RTAG Vision

The RTAG will guide the implementation of real-time capabilities for the DII COE which enable and support constructing real-time warfighter systems based on the DII COE.

The envisioned outcome will be real-time DII COE kernel, infrastructure, and common support application components which enable and support the construction, fielding, and operation of a wide range of DII COE-based real-time systems.



RT Advisory Group (Formally RT TWG)

John Maurer (MITRE), Chair

- **Participation**

- Army, AF, Navy, USMC, DODIIS, contractors and vendors
- Meetings average 50 participants every 2-3 months for the last 4 years

- **Key efforts to date**

- RT Segment Development Interim Guidelines (including annotated runtime compliance criteria)
- Baseline Kernel, Segmentation Tools, and Integration Tools SRS documents
- RT distributed computing requirements (RT CORBA), draft security requirements
- Endorsed ORBExpress and TAO real-time ORBs (instances of RT CORBA)

- **Charter:**

- Collecting, analyzing, deconflicting and consolidating RT requirements
- Integrate reqs into SRSs working through existing TWGs and COE Engineering Office
- Provide recommendations/guidance to AOG and COE Engineering Office on evaluations of real-time technologies, products and standards, real-time interoperability issues

- **Subgroups**

- Data Access, Distributed Computing, Security, Fault Tolerance, Kernel

Substantial participation by Services and Vendors/Suppliers

More Information

- Check the web...
 - Public:
 - <http://www.sei.cmu.edu/collaborating/rtag/>
 - Members and .mil:
 - <https://dii-af.hanscom.af.mil/infrastructure/rtag/index.htm>
- Read Crosstalk Magazine
 - October 2001: DII COE for Real-time: Becoming Reality
 - <http://www.stsc.hill.af.mil/crosstalk/2001/oct/robillard.asp>
 - September 1999: Extending the DII COE for Real-time
 - <http://www.stsc.hill.af.mil/crosstalk/1999/sep/robillard.asp>
- Contact me
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