

Turbomachinery and Propulsion Systems Division

Engine Systems Technology Branch



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Unclassified

CORBA Migration

Real life requirements dictated a migration to the CORBA distributed-object environment.

1. Real applications require enormous data capacities (10 Gigabytes and up) which cannot be accommodated in a single C++ virtual address space. Service activated objects (Visigenic feature?) work around this problem.
2. A need exists to provide for multiple accessors, allowing for both generators and browsing consumers of information.
3. A cross-language capability is needed to allow consuming tools (such as GUIs) to be written in languages such as Java.
4. Some application providers wish to provide service without revealing implementing technology.