

Current Uses of Middleware in Embedded/Real-time Applications

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Disclaimer

The data presented here represent preliminary data from a report that is in progress. Therefore, the final data may differ slightly from those presented here.

Roadmap

- Definitions
- Data
- Interpretations

Definitions

Middleware

Software that is used to permit one application to exchange data with another

Definitions

Embedded/Realtime Applications

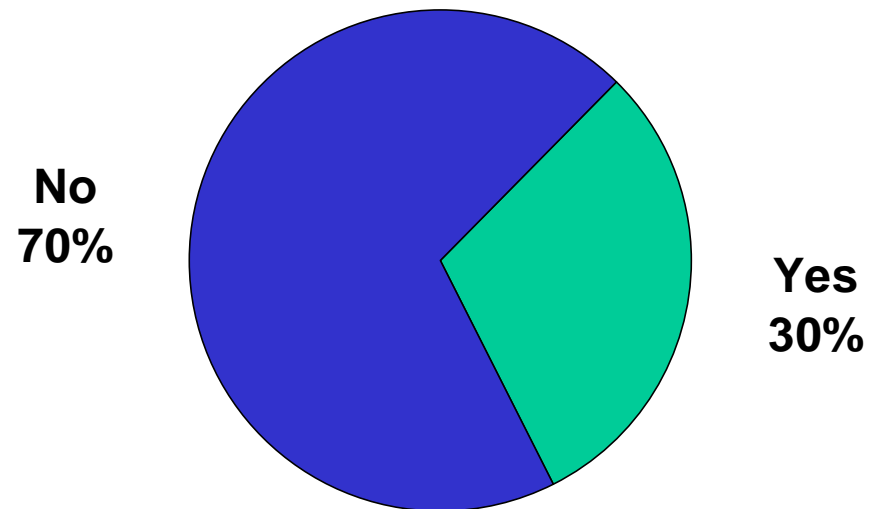
Applications that are not general purpose
computing

Definitions

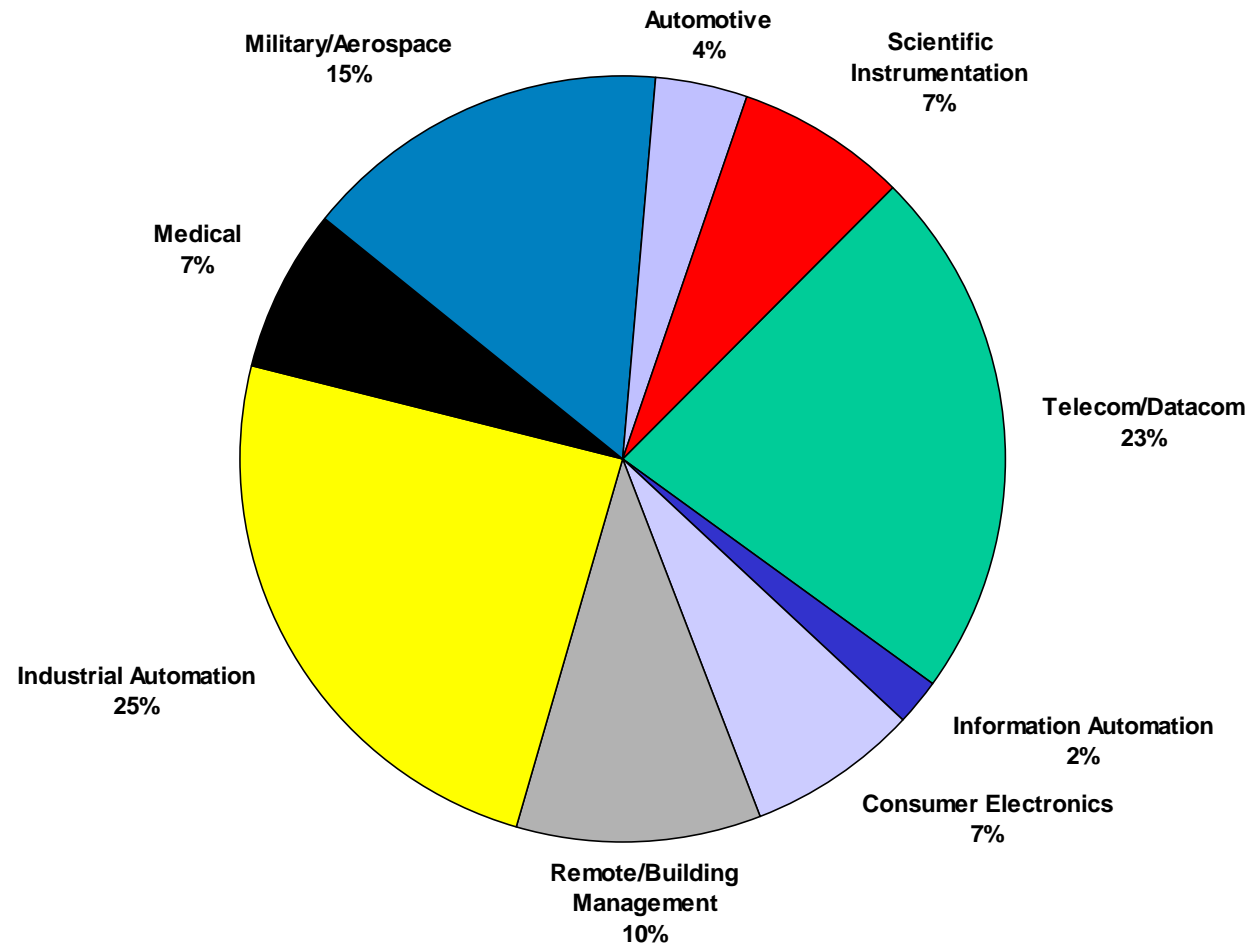
For the purposes of this study we divided middleware into three categories

- CORBA
- COM/DCOM
- All other

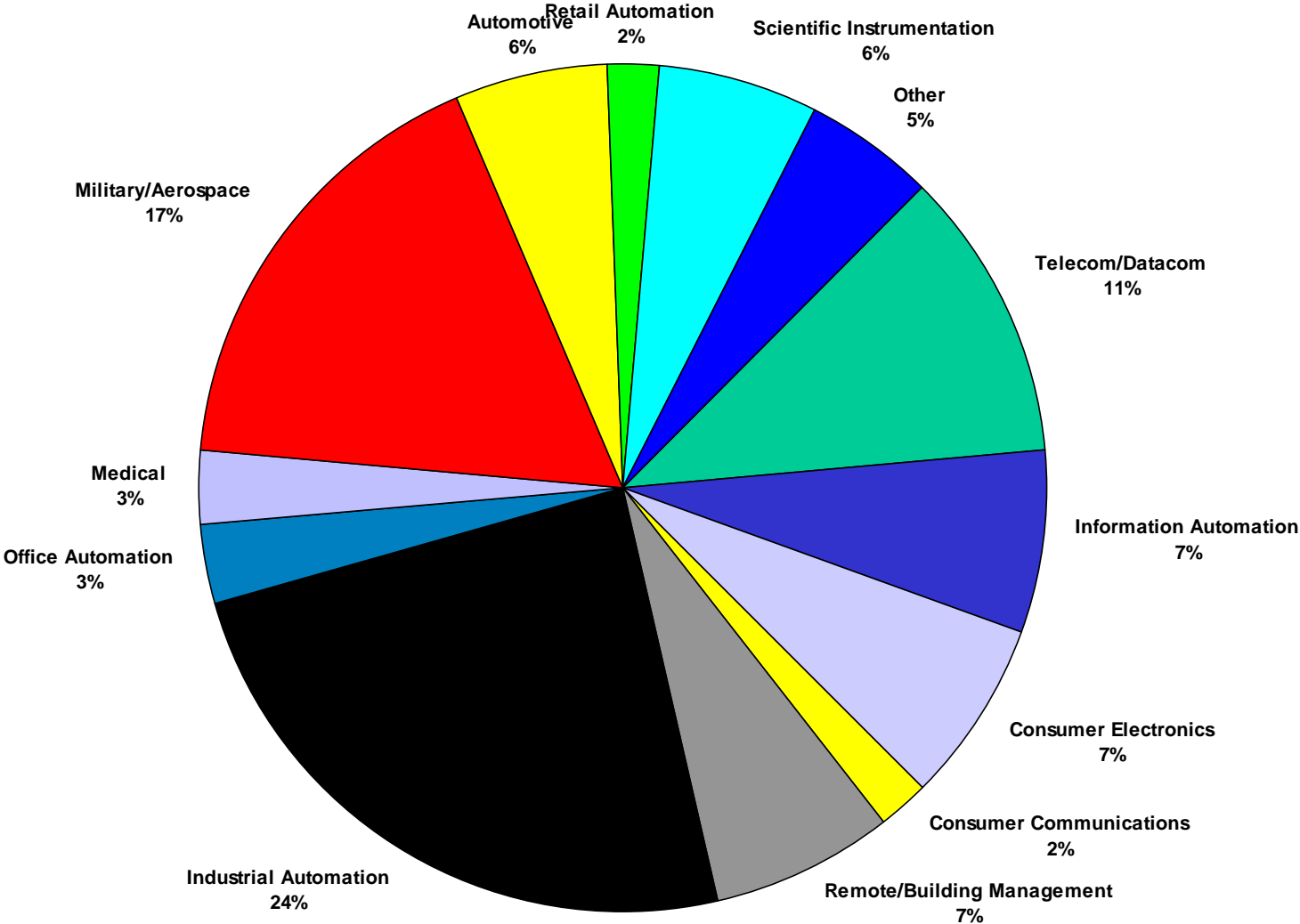
Percentage of applications being developed that are using
middleware or not
(percentage of respondents)



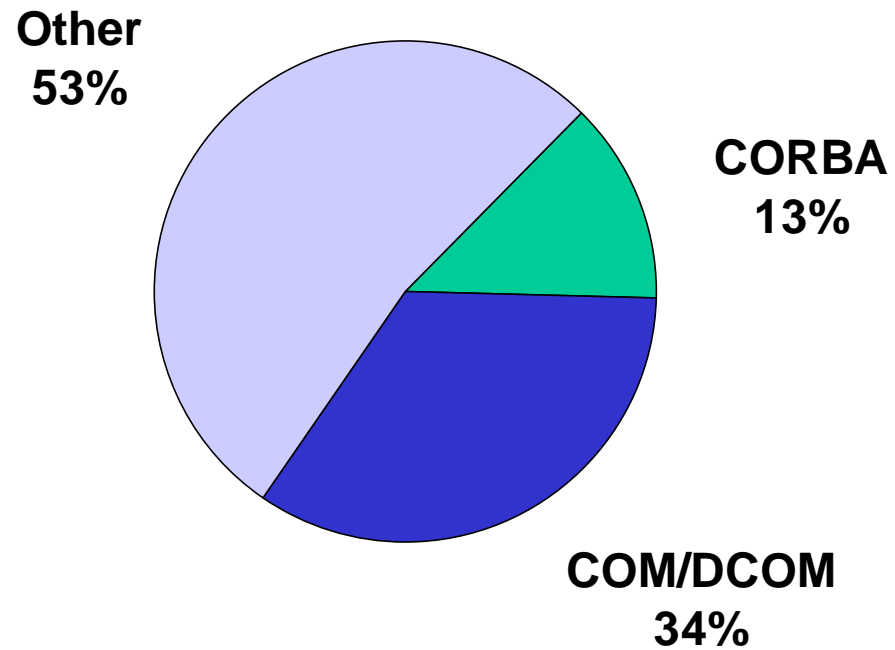
Distribution by vertical market for applications using middleware (percentage of respondents)



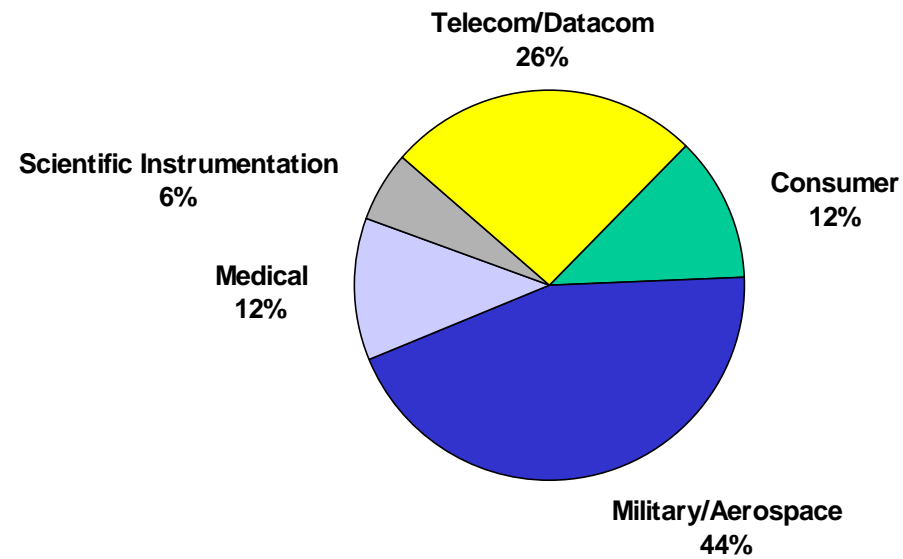
Distribution by vertical market for applications not using middleware (percentage of respondents)



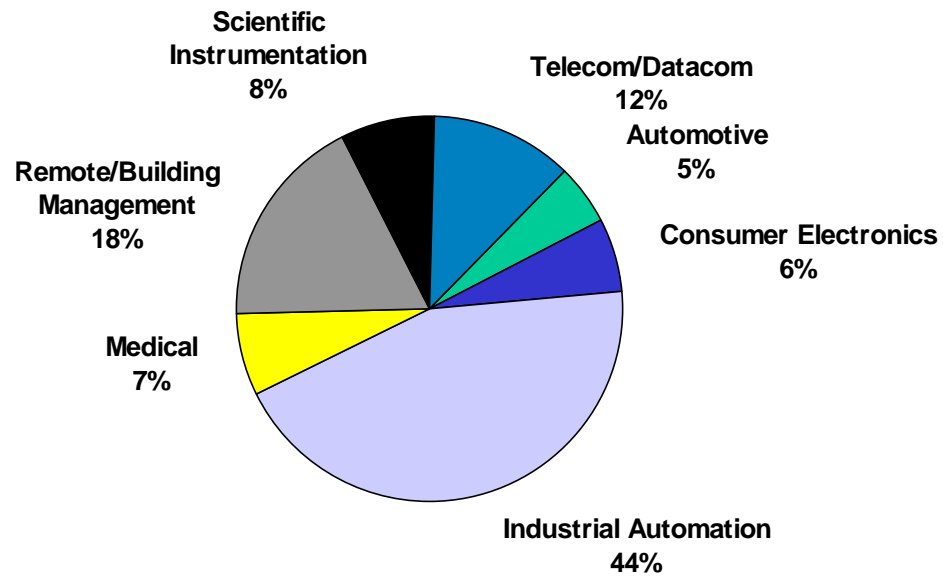
Percentage of types of middleware in use
(percentage of respondents)



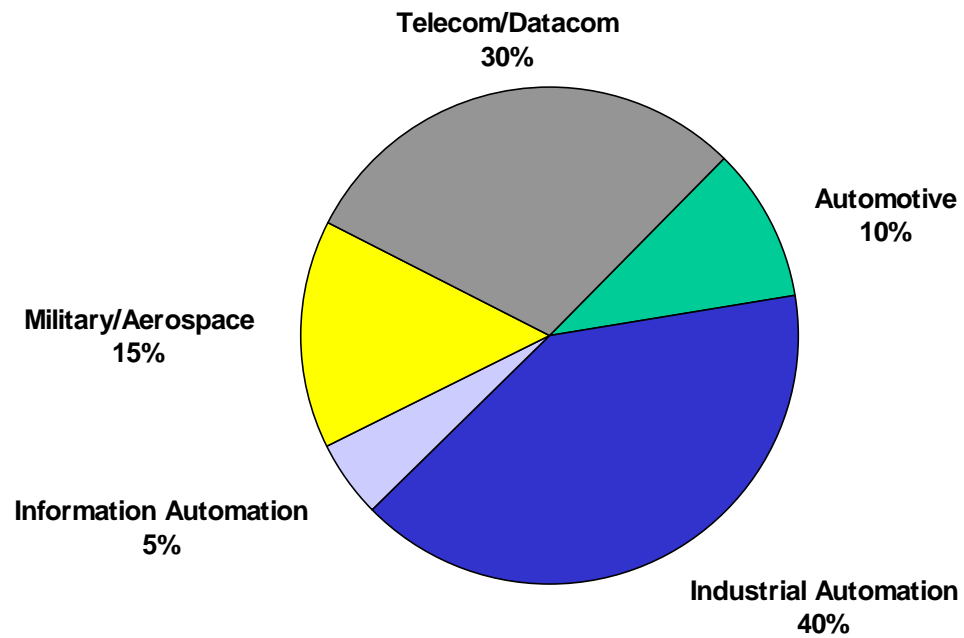
Distribution by vertical market for CORBA (percentage of respondents)



Distribution by vertical market for COM/DCOM (percentage of respondents)



Distribution by vertical market for Other (percentage of respondents)



Interpretations

- Military/Aerospace is the biggest user of CORBA in embedded applications
- COM/DCOM is most prevalent in the Industrial Automation market
- Industrial automation is also the biggest market for all other kinds of middleware with Telecom/Datacom being the second biggest market
- From other data, it seems that many customers are looking for someone to deliver a complete end to end solution indicating that vendors of CORBA products should team with those developing the solution.