


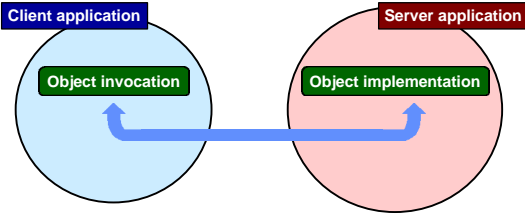
An astronomical assessment of CORBA

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 CORBA


- CORBA : **C**ommon **O**bject **R**equest **B**roker **A**rchitecture
- A middleware standard for remote execution of objects




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 CORBA

- The protocol is independent from hardware, operating systems, programming language
- A particular CORBA implementation can be hardware, operating system and language dependant
- CORBA implementations can communicate together



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 CORBA and others


- CORBA is designed and maintained by the Object Management Group (OMG)
- Only the protocol definition is published by OMG
- CORBA tools can be implemented by anyone :
 - vendors : Orbix, Visibroker
 - free software : omniORB, ORBACUS, Mico, ..

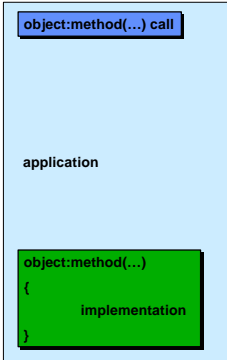
www.corba.org

Other products exist :

- DCOM in the realm of Microsoft
- RMI in JAVA
- ILU is a free product by XEROX
- Interoperability between them and CORBA is developed


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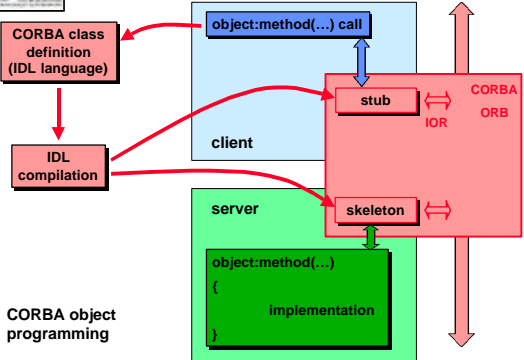
 CORBA : how it works



Regular object programming

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 CORBA : how it works



CORBA object programming

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