



Metanology

MDA Case Study

Reverse Engineering CORBA to EJB



David Zygmunt

CEO

Metanology Corporation

www.metanology.com

Reverse Engineering CORBA to EJB

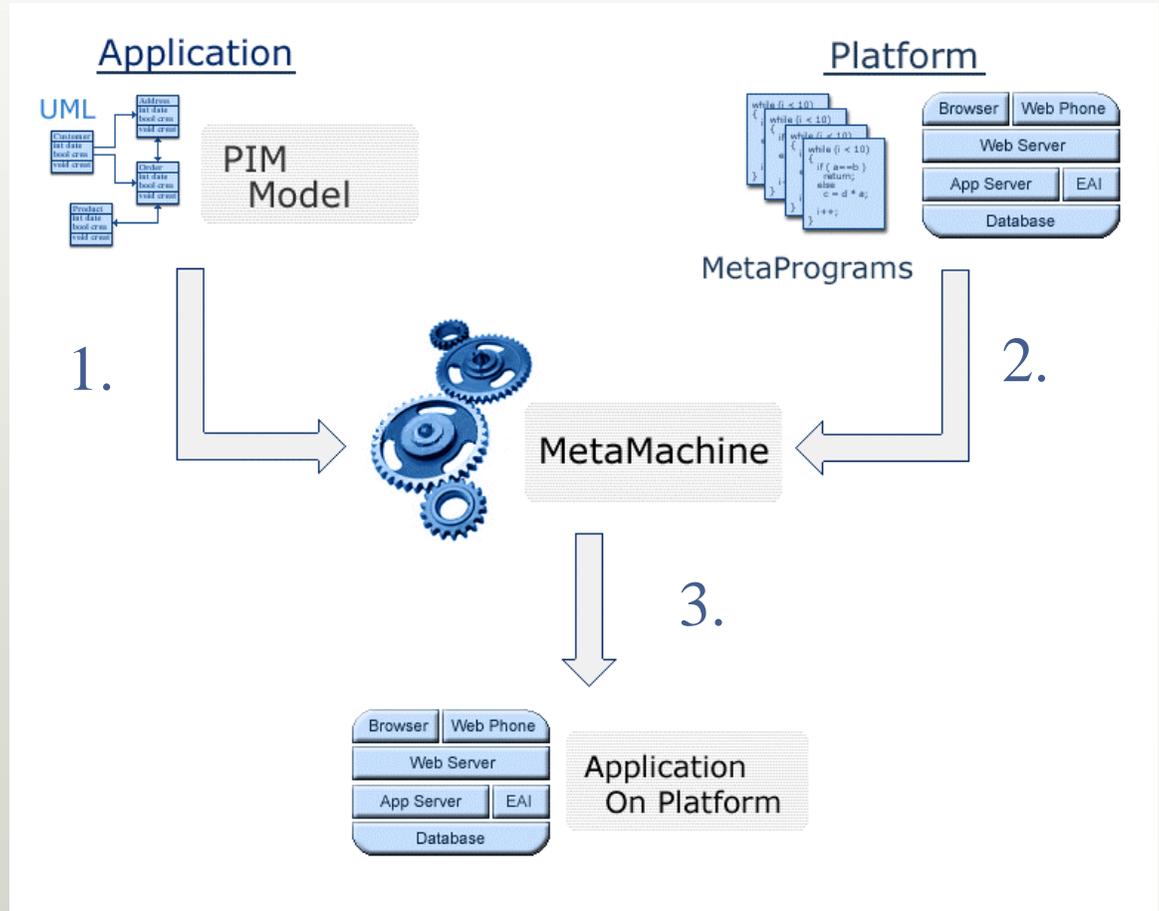


Metanology

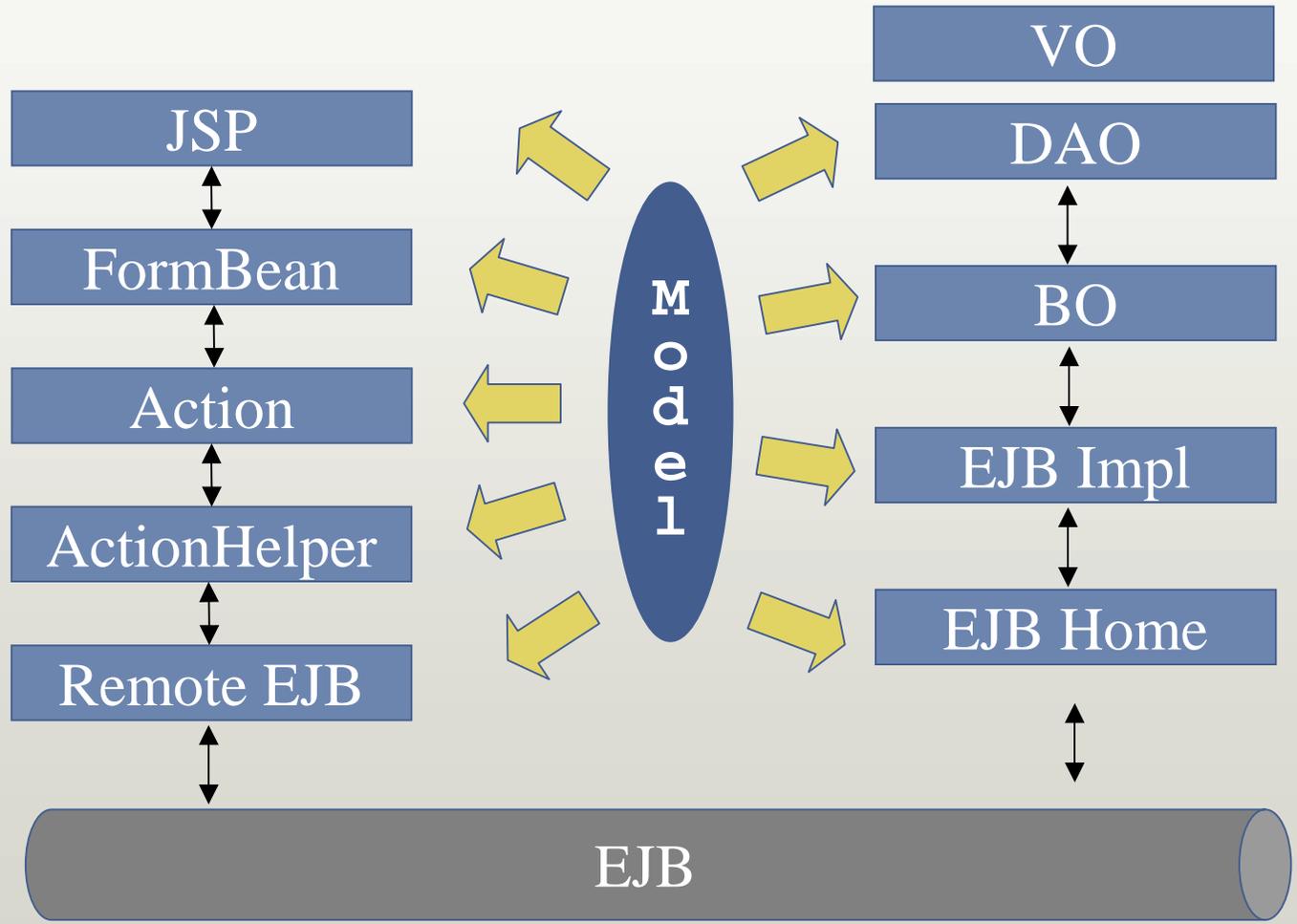
- MDE an MDA Tool
- MDA in J2EE
- CORBA Architecture
- CORBA to UML
- UML to J2EE



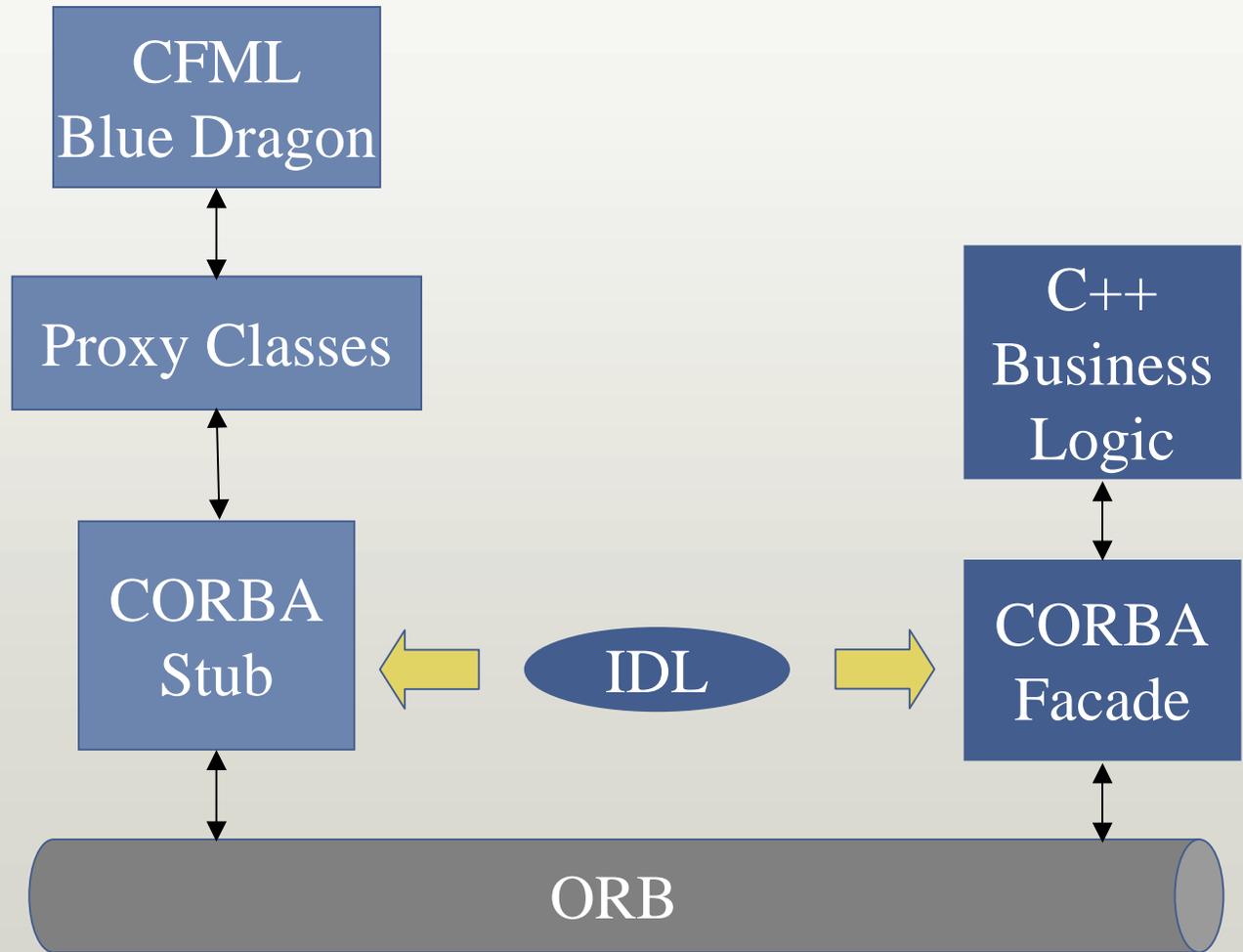
MDE and MetaPrograms



MDA-based J2EE Application



CFML and CORBA



Retarget Constraints



Metanology

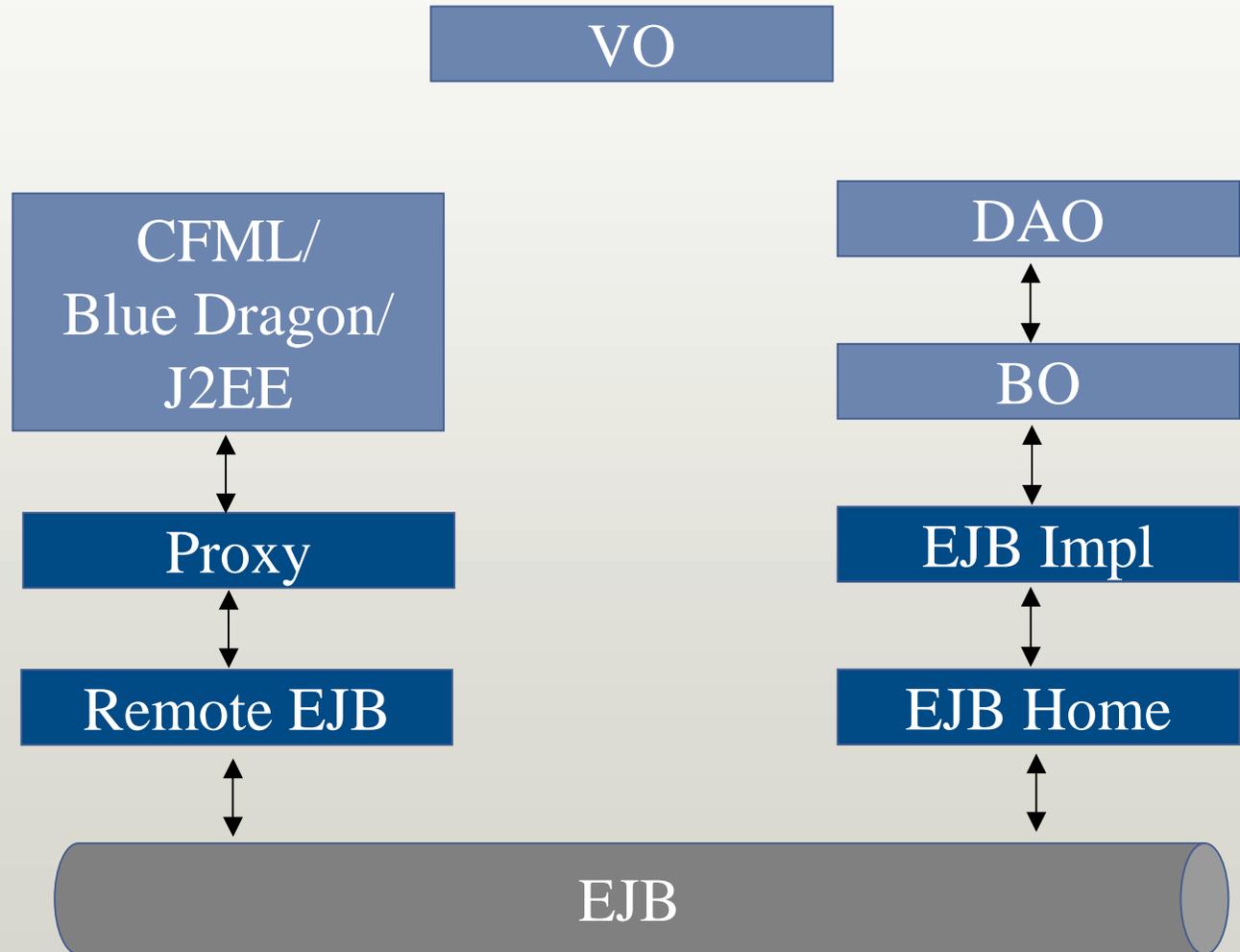
- Preserve CFML User Interface
- Automate 100% of Infrastructure Code
- Translate C++ Business Logic by Hand
- Incrementally Migrate CORBA/C++ to EJB



ColdFusion-EJB Architecture



Metanology



CORBA to EJB Challenge



Metanology

CORBA

- Parameters
 - In
 - Out
 - InOut
- Single Return Value
 - Intrinsic
 - Object

EJB

- Call by Value
- Single Return Value
 - Intrinsic
 - Object





Metanology



MDA Solution

