

XML Metadata Interchange (XMI)

Proposal to OA&DTF RFP - 3

Stream based Model Interchange Format (SMIF)

Co-Submitters

Unisys, IBM, DSTC, Oracle, Platinum, Fujitsu, Reccerca, Daimler-Benz

Supporters

Cayenne, Genesis, Inline, Rational, Select, Sprint, Sybase, Xerox, Boeing, Softeam,
Ardent, Aviatis, ICONIX, Integrated, Verilog

OMG TC Meeting, Seattle : September 16, 1998

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Topics Covered

- Introduction & History
- Background
- Status

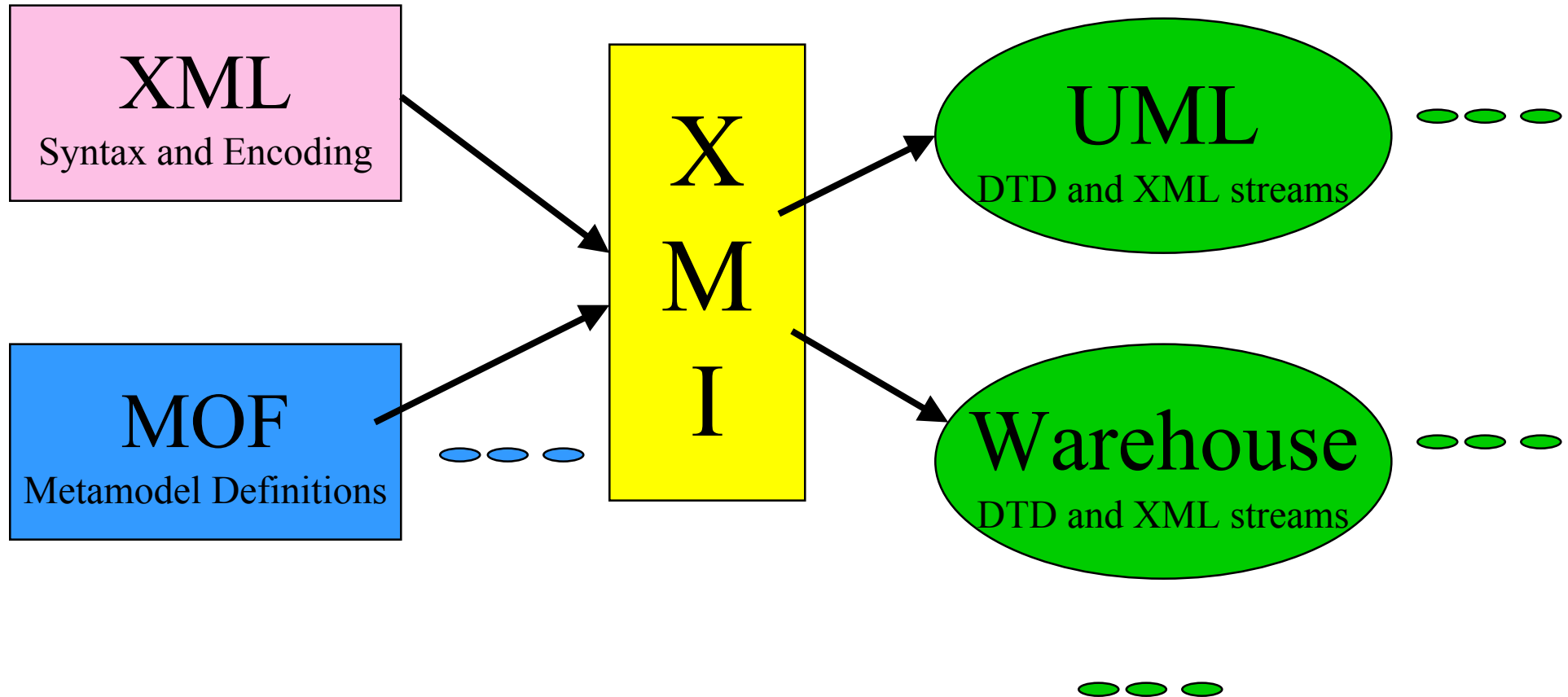
Introduction

- In November 1997, the MOF and UML were adopted as OMG standards.
- The specifications included metamodel and set of CORBA interfaces for manipulating MOF based meta objects and UML based models
- However a file/stream based interchange format was not specified (time constraints...)
 - In December 1997, the SMIF RFP was issued
- Several LOIs and 3 potential submissions CDIF, UOL, XMI began emerging

XMI Submission History/factoids

- 2/98 : Unisys and IBM begin XML collaboration
- 4/98 : Oracle, DSTC and Platinum join
- 5/98 : Select Software joins
Early discussions with other submitters
- 6/98 : XMI submission preview (Orlando)
Rational Software, Sybase, Inline, Genesis,
Cayenne, Sprint, Xerox join
- 7/98 : XMI 1.0 submission and presentation,
CDIF and UOL begin work with XMI
- 9/98 : XMI status update

XMI Simplified



XML example

Document

```
<Auto>  
  <Make> Ford </Make>  
  <Model> Mustang </Model>  
  <Year> 98 </Year>  
  <Color> blue </Color>  
  <Price> 25000 </Price>  
</Auto>
```

DTD

```
<!Element Auto (Make, Model, Year, Color, Price)>
```



XMI Status

- XMI is on track
- CDIF and UOL are working to improve XMI
 - CDIF: Unique IDs, CDIF/XMI bridge
 - UOL: XMI differencing
- Updating submission for completeness
- Including feedback and comments
 - xmi-feedback@omg.org
- Major revision comments requested by Sept. 25
- Preparing for October 20 final submission

For more information

- Stay tuned to future meetings
 - Comments to : xmi-feedback@omg.org
- E-mail
 - sridhar.iyengar2@unisys.com
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- XML Information
 - www.w3c.org
- UML and MOF Information
 - www.omg.org

Questions & Comments

