IONA –
Eclipse
Membership

Carl Trieloff,
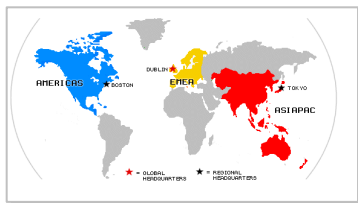
IONA Technologies

IONA®

Making Software Work Together™

Customers include world's largest firms

- 80% of Global Telecom
- 70% of Financial Services in Global 100
- Blue Chip System Integrator Partners

Deutsche Post   **BELL**SOUTH®   AT&T

Marconi   Sprint.   LEHMAN BROTHERS *Where vision gets built.*

CREDIT SUISSE GROUP   SBC   REUTERS KNOW. NOW.

Worldwide presence

- EMEA HQ in Dublin, Ireland
- US HQ in Massachusetts
- APAC HQ in Tokyo, Japan

Solid business with a history of profitable growth

- Founded in 1991
- Publicly traded since 1997
- $50+ million cash on hand
- No debt

NASDAQ:IONA

Our Approach: Making Software Work Together™

- We work within the normal diversity and heterogeneity found in enterprise computing systems
- We tie together applications from different vendors running on different operating systems and using different protocols and different message formats
- Especially when those applications were never designed to be integrated

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Making Software Work Together™

Our Corporate Strategy

› IONA is driving the adoption of Service Oriented Architecture (SOA) – a powerful new computing model that has emerged to make enterprise IT more responsive, agile and efficient

› This computing model requires a core set of infrastructure capabilities that is highly distributed and standards based

› IONA extensible infrastructure software products enable our customers to migrate [move] to SOA through an on-demand approach that promotes incremental adoption

› Our technology (open source, etc..) is disruptive to the market place enabling customer to source and deploy this new infrastructure along their own demand curve

Our Credibility and Heritage

❯ **Mission critical, high performance integration and infrastructure vendor**

- High-end, platform independent products - address the most complex, demanding technical integration projects
- Expert technical resources and professional services
- World-class technical support
- Profitable business model

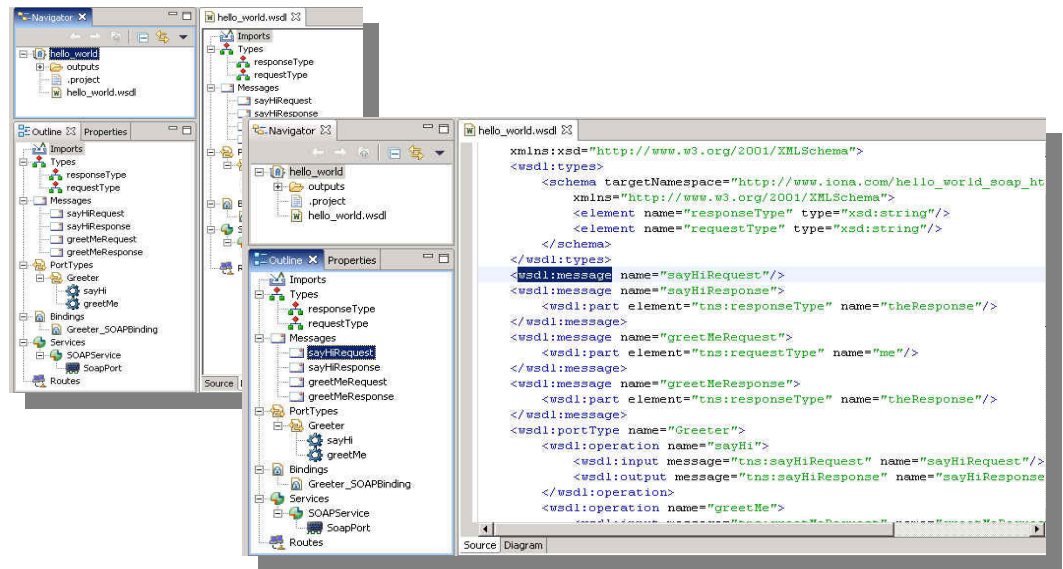| **Orbix**	**Artix**
• Telecom Networks & Provisioning	• Telecom Networks & Provisioning
• Real-time trade order processing	• Global Logistics process automation
• Manufacturing shop floor automation	• Customer sales and service centers
• Real-time Traffic Management	• Web based eGovernment initiatives

IONA/ Eclipse

Artix 3.0 Improvements

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Commercial Use of Eclipse

IONA creating products that have and are being used in mission critical applications worldwide

- ❯ IONA tools its ESB offering Artix, using Eclipse today

- ❯ IONA will move all this tooling into open source

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Market Uptake

- ▸ Blue Chip Customers
  - • CORBA (Orbix) Renewal Rate at 94% (Industry average in the 70% range)
  - • Existing Customers purchased Artix…Then bought more
  - • New Customers purchased Artix

- ▸ Expanding Partner Ecosystem:

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Marconi   中国移动通信 CHINA MOBILE 北京移动通信有限责任公司

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ZURICH   3 Mobile Video Company

HOUGHTON MIFFLIN

RAYMOND JAMES®

eclipse FOUNDATION MEMBER ™

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Public Commitment

❯ Initial support

- The project has been co-submitted with Sybase and ObjectWeb

- Project has 20+ supporter to date with 18+ developers

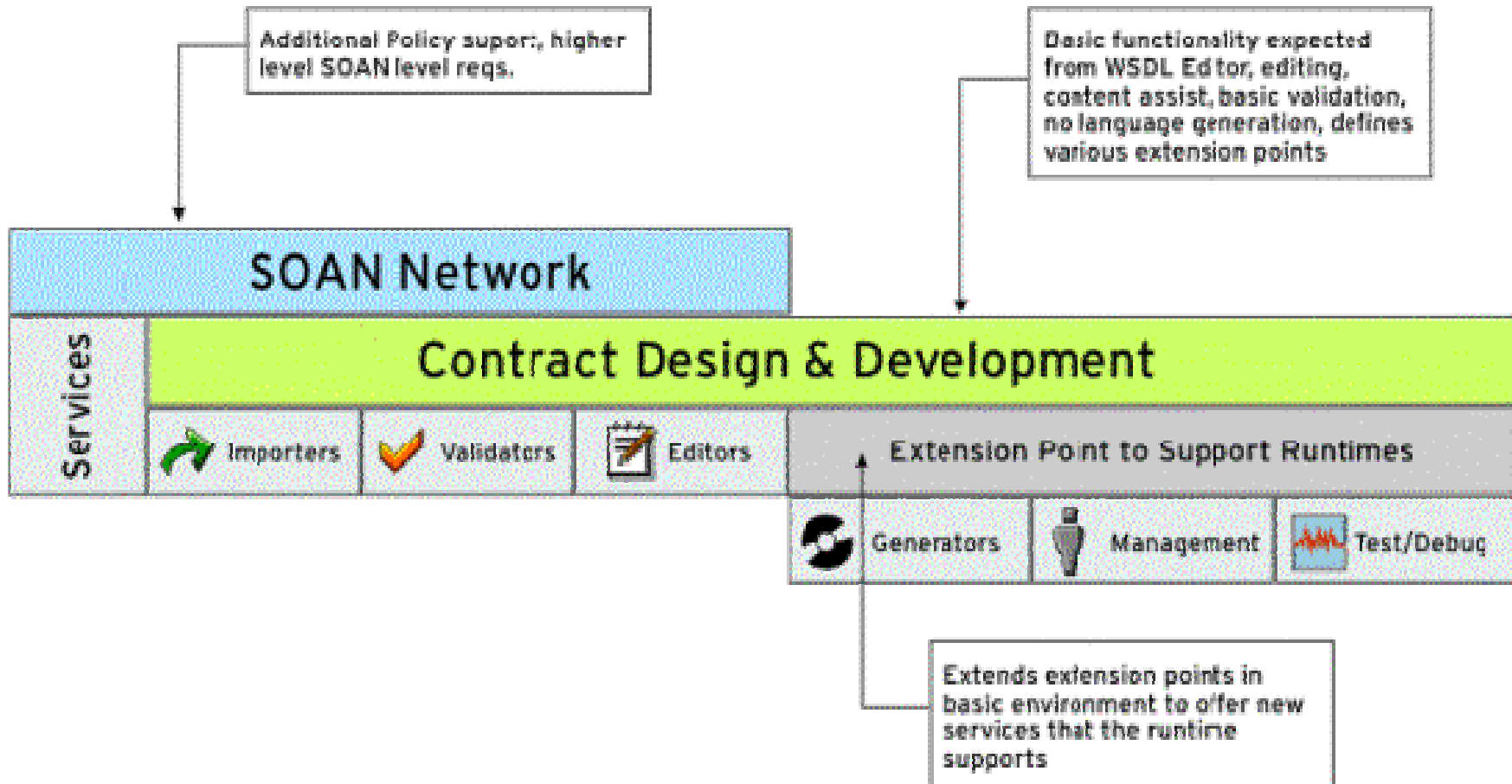## ❯ The project builds a SOA framework that..

- Utilizes WTP and DTP

- Provides the infrastructure for building SOA "Networks"

- Provides the frameworks to plug in all the editors for contacts, services, policies, repositories etc.

- Provides exemplary implementations for key facilities

- Thus, interest from many vendors to tools in services for BPEL, Repositories, Management and other services to be used in the SOA

What is STP ?

Additional Policy supor:, higher level SOAN level reqs.

Basic functionality expected from WSDL Editor, editing, content assist, basic validation, no language generation, defines various extension points

SOAN Network

Services

Contract Design & Development

Importers	Validators	Editors

Extension Point to Support Runtimes

Generators	Management	Test/Debuç

Extends extension points in basic environment to offer new services that the runtime supports
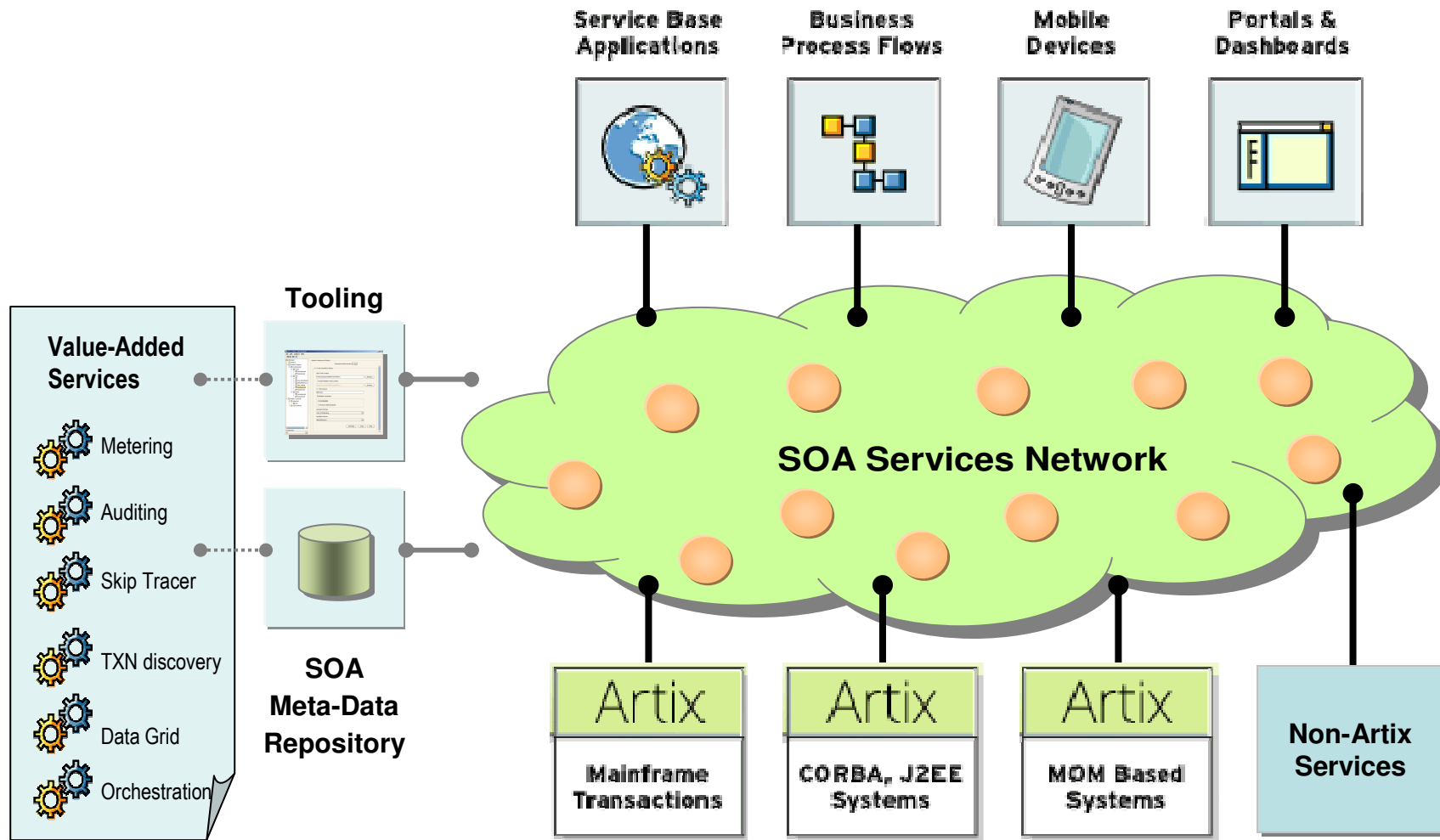
SOA Services Network

Dynamic, meta-data driven, SOA integration and policy
management for mission critical SOA infrastructures

Service Base
Applications

Business
Process Flows

Mobile
Devices

Portals &
Dashboards

Tooling

**Value-Added
Services**

Metering

Auditing

Skip Tracer

TXN discovery

Data Grid

Orchestration

**SOA
Meta-Data
Repository**

SOA Services Network

Artix

Artix

Artix

**Non-Artix
Services**

Mainframe
Transactions

CORBA, J2EE
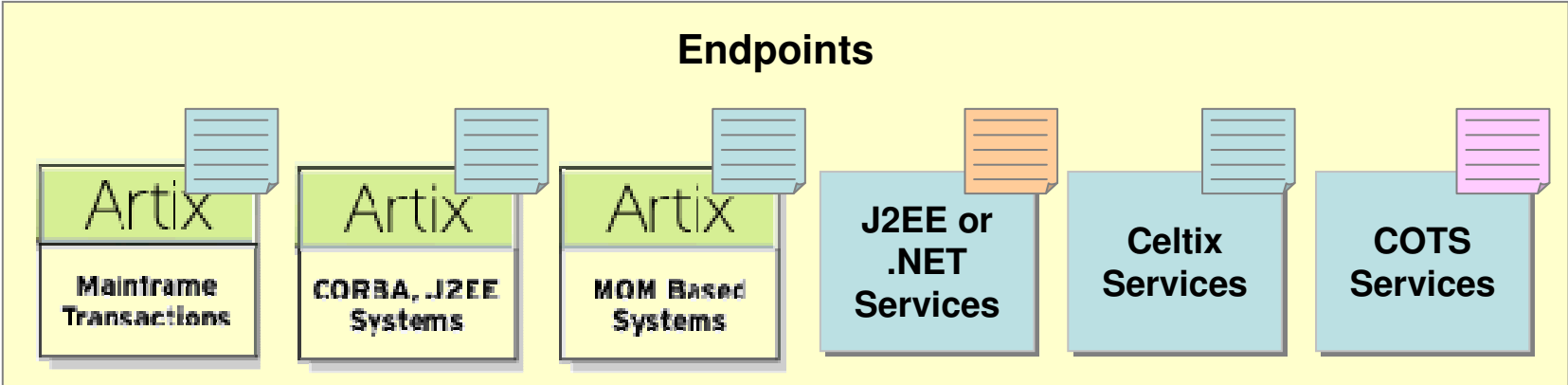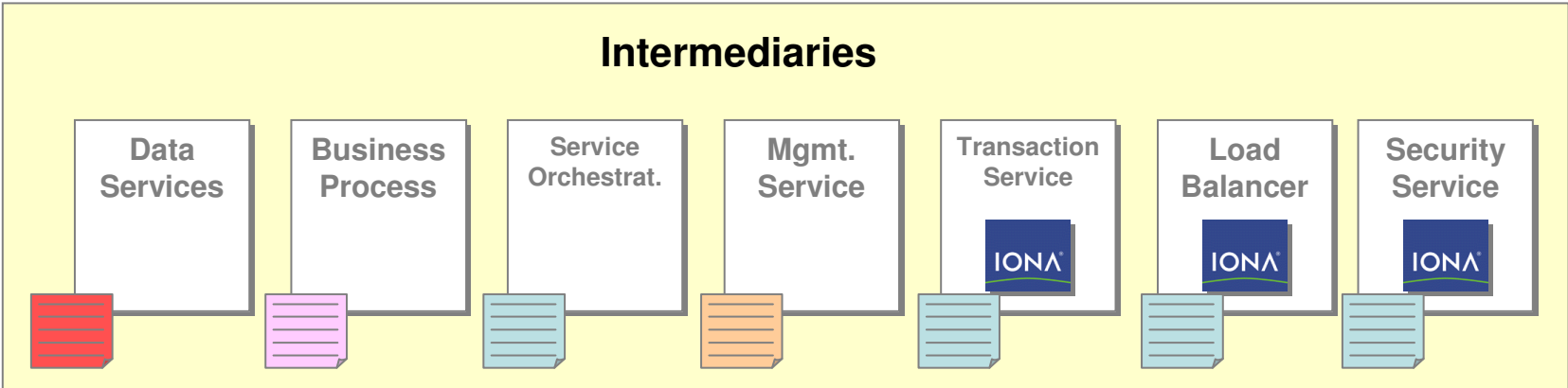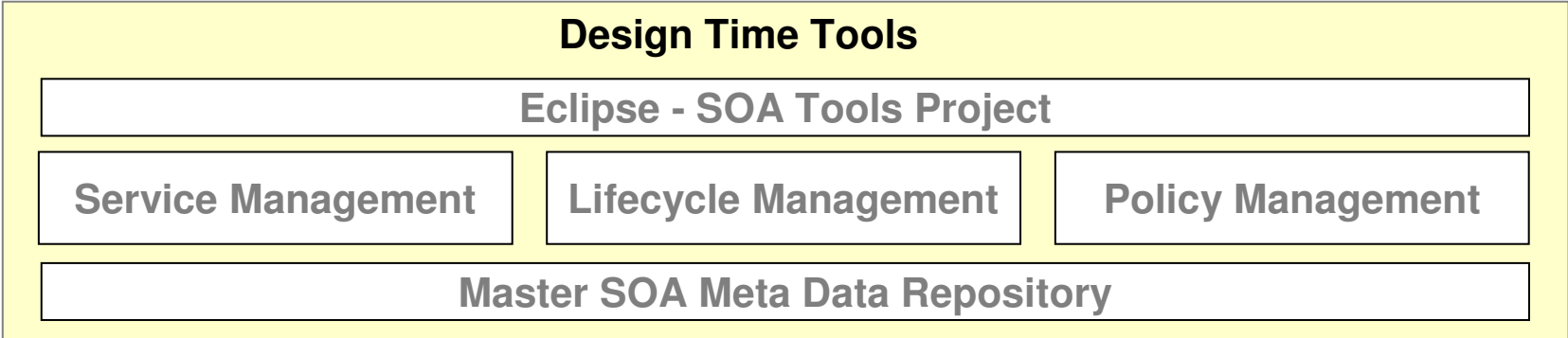Systems

MOM Based
Systems

SOA Services Network Strategy

> Provide a **comprehensive, best of breed** infrastructure architecture for advanced SOA environments

> Bring this best of breed architecture to market as the SOA Network, in **partnership** with the other leaders in the SOA infrastructure software market

Areas of Investment

Design Time Tools

Eclipse - SOA Tools Project

Service Management	Lifecycle Management	Policy Management

Master SOA Meta Data Repository

Intermediaries

Data Services	Business Process	Service Orchestrat.	Mgmt. Service	Transaction Service	Load Balancer	Security Service
				IONA	IONA	IONA

Endpoints

Artix	Artix	Artix	J2EE or .NET Services	Celtix Services	COTS Services
Mainframe Transactions	CORBA, J2EE Systems	MOM Based Systems			

At a glance…

› **SOAN Deployment subproject**

- The frame work and "top level" view of the SOA, policies and linkages/tunneling to the specific Service editors

› **Service Creation subproject**

- The full lifecycle editor for creating new services, using WSDL as the modeling language for contacts

› **Expected Runtime specific extensions subprojects**

- Exemplary implementations can be provided for specific tooling of runtimes, provided they are built on the extensions and are pluggable for the specific vendor or open source implementations so that the extensible framework is not compromised. (IONA will tool JBI, Celtix, JSE, JEE, POJO etc)

What to take away…

❯ **Project helps even those not explicitly doing SOA**

- Anyone building services, even just on web services will benefit from the tooling provided over and above WTP and Technology Projects

❯ **Open for all vendors**

- To be built on the Eclipse philosophy of frameworks and exemplary implantations, many vendors can support their projects under this project. STP already has the support of 4 open source ESB/JBI implementations for this proposal

❯ **Adding sub-projects**

- The proposal has been designed so that parties with SOA products and services easily fit in..

- For example the BPEL editors could easily be plugged into the SOA Network Framework and editors

Finally

If you want to support this proposal…

Please let us know,

by mailing to the list

news://news.eclipse.org/eclipse.stp

or talk to

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