The Collaborative Nature of the UDDI Initiative & SAP's Involvement

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XML Standards Architect, SAP

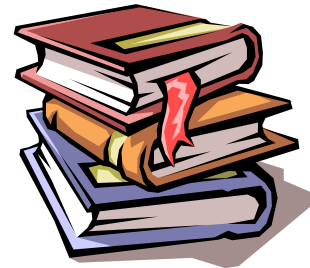# UDDI (Universal Description, Discovery and Integration)

UDDI Initiative

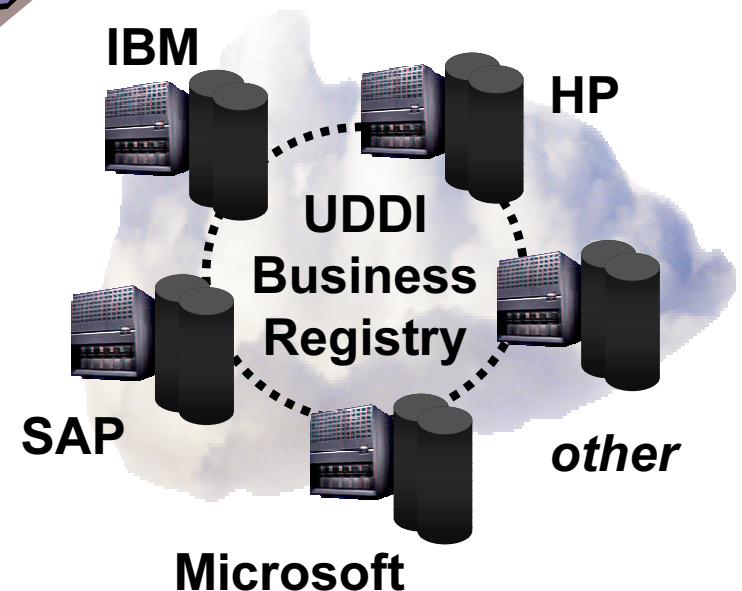- **Partnership among Industry and Business Leaders (300+)**

UDDI Specification

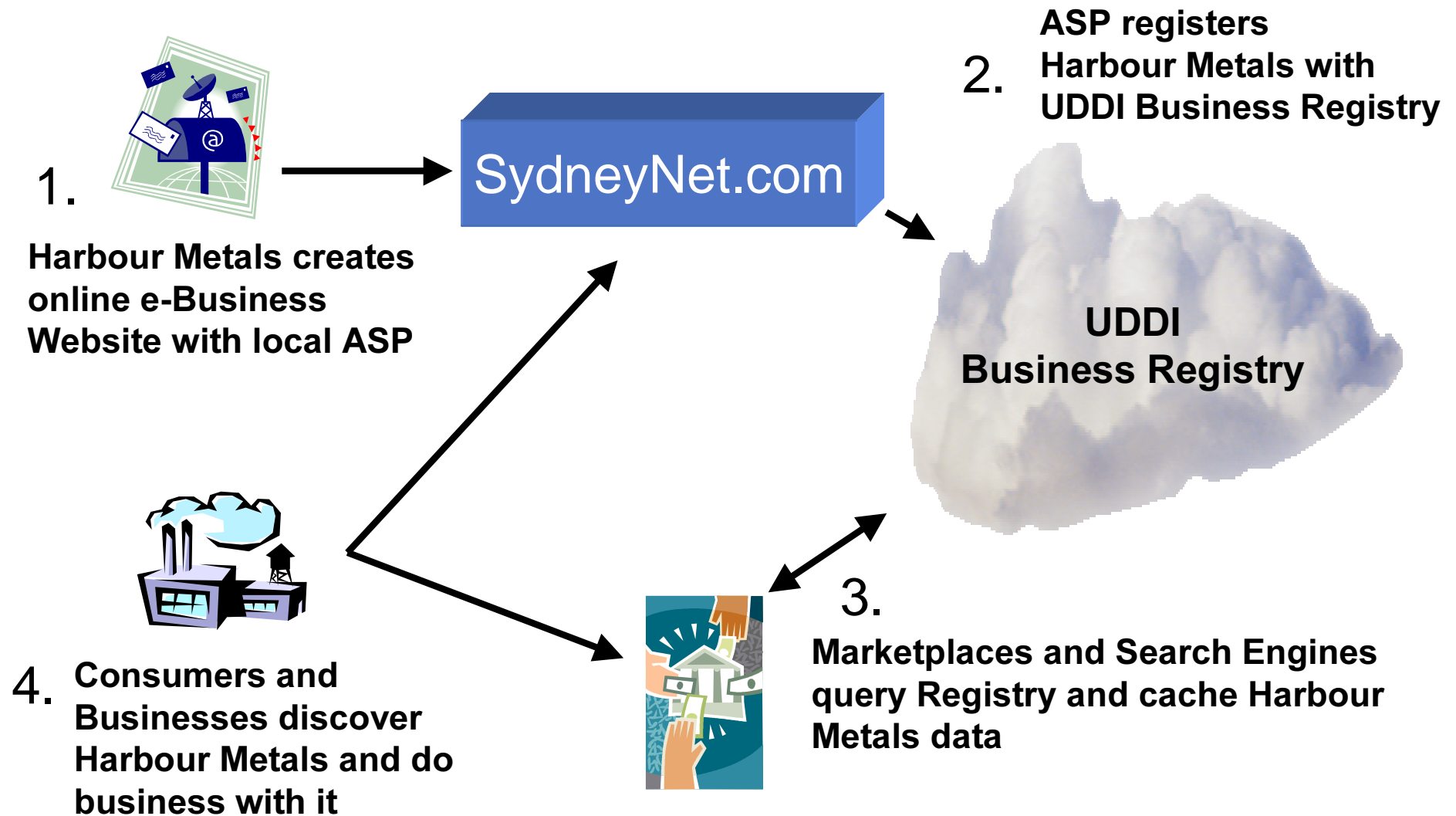- **<u>The</u> Specification for Web Service Registries**

UDDI Business Registry

- **A shared Operation of a public, global and free of charge Business Registry on the Internet**

UDDI Example

1.

**Harbour Metals creates
online e-Business
Website with local ASP**

SydneyNet.com

2. **ASP registers
Harbour Metals with
UDDI Business Registry**

**UDDI
Business Registry**

3.

**Marketplaces and Search Engines
query Registry and cache Harbour
Metals data**

4. **Consumers and
Businesses discover
Harbour Metals and do
business with it**

UDDI Business Registry Data

White Pages

Business Name

Text Description
- list of multi-language text strings

Contact Info
- names, phone numbers, fax numbers, web sites…

Known Identifiers
- list of identifiers that a business may be known by - DUNS, Thomas, other

Yellow Pages

Business Categories
- 3 standard categories initially
  - Industry: NAICS
  - Products/Services: UNSPSC
  - Location: ISO 3166
- Extension mechanism for custom categories is provided

Green Pages

E-Business Capabilities
- Nested model
  - Business services (functional)
  - Service type (technical)
  - Binding information (implementation)
- Programming/plat-form/implementation agnostic
- Services can also be categorized

UDDI Use Cases

I want to extend my presence in the region/industry

- Register with UDDI using your business application

My supplier for product category X ran out of stock

- Find new suppliers in UDDI and integrate their services with your E-Procurement solution

In order to fulfill my procurement transaction, I need additional service providers for insurance, transport, customs, etc.

- Find new suppliers in UDDI and integrate their services with your private exchange

I want to use basic services like stock quotes and weather forecasts on my desktop

- Find these services in UDDI and integrate them with your portal

I want to structure the services of all systems in my enterprise

- Deploy your private UDDI registry and include these services

Added Value for SAP Customers

**Easy registration using the
SAP Service Marketplace**
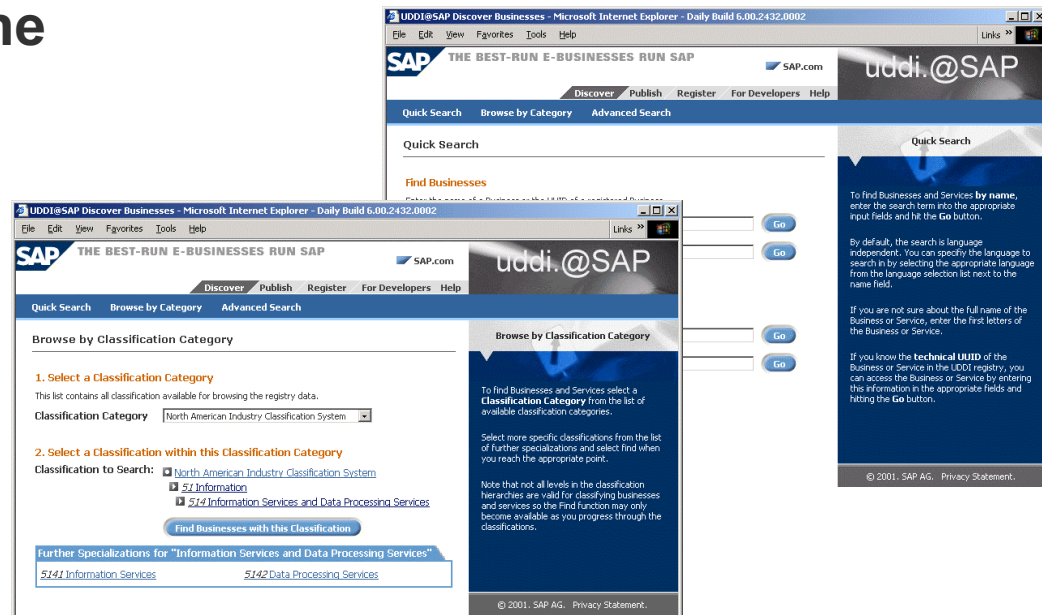
Seamless integration to the mySAP.com e-business platform

- **UDDI-enabled applications, portals and exchanges from**
  SAP , **SAP Portals** and **SAP Markets**

**Easier discovery and deployment of collaborative business
capabilities**

More information

UDDI Homepage (www.uddi.org)

- **White Papers**
- **Specifications**
- **Best Practices**
- **Discussion Groups**
  - ◆ **http://groups.yahoo.com/group/uddi-general**
  - ◆ **http://groups.yahoo.com/group/uddi-technical**

UDDI Business Registry Nodes

- **http://www.ibm.com/services/uddi**
- **http://uddi.microsoft.com**

UDDI Test Sites

- **http://www.ibm.com/services/uddi/testregistry/**
- **http://test.uddi.microsoft.com**

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Thank you!

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