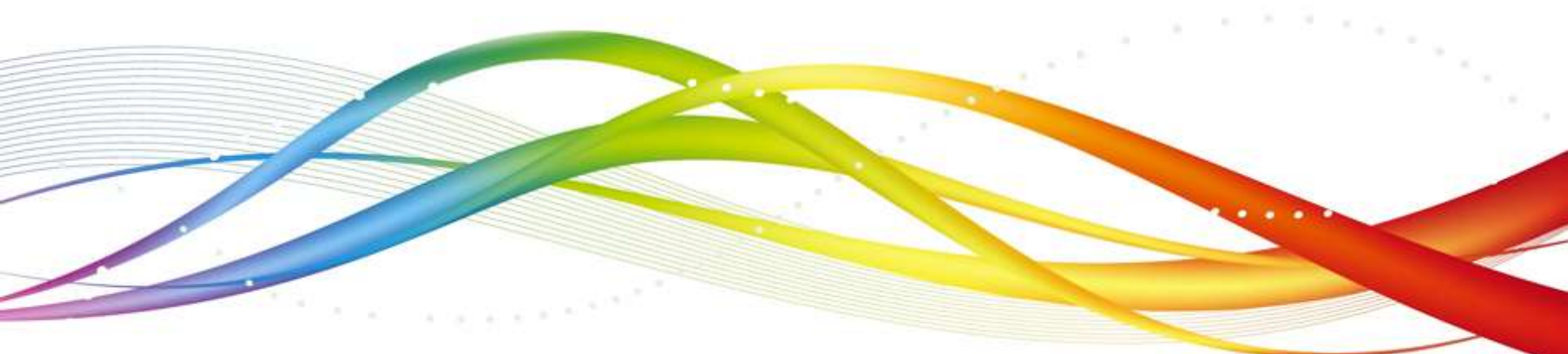




**UDDI**



# What is UDDI?

---

- UDDI stands for Universal Description, Discovery, and Integration and is the name for a specification that defines a way to store and retrieve information about a business and its technical interfaces
- An implementation of the UDDI specification is called **UDDI Registry**

# What is UDDI? (Contd.).

---

- UDDI is a unified and systematic way to find service providers
- UDDI permits businesses to register information about themselves and their services in **UDDI Registries**

# What is UDDI? (Contd.).

---

- UDDI specifies **schemas** to encode information about businesses that deploy WebServices and Schemas to encode information about WSs themselves
- It provides Query and update API for the registry that describes how information can be accessed and updated
- UDDI is Based on XML, HTTP, IP, SOAP, WSDL standards

# What is UDDI? (Contd.).

---

- Microsoft, IBM, and Ariba originally developed the UDDI specification and was first published in September 2000
- Later they formed UDDI.org and invited 12 other companies to participate in the development of versions 2.0 and 3.0
- In the summer of 2002, UDDI.org turned over the management of the UDDI specifications to OASIS **(Organization for the Advancement of Structured Information Standards)**
- UDDI products based on the UDDI specification are offered by a number of vendors including IBM, Microsoft, Oracle, Fujitsu among others

# What is UDDI? (Contd.).

---

- You can access the UDDI directory using SOAP which makes UDDI registry a Web service
- Although most UDDI products today run on Relational Database Management Systems, these can be implemented using other technologies including LDAP servers and XML databases
- A UDDI registry must provide access to its data by way of a set of SOAP-based Web services
- Allows about 30 different SOAP operations on a UDDI registry



**Thank You**

