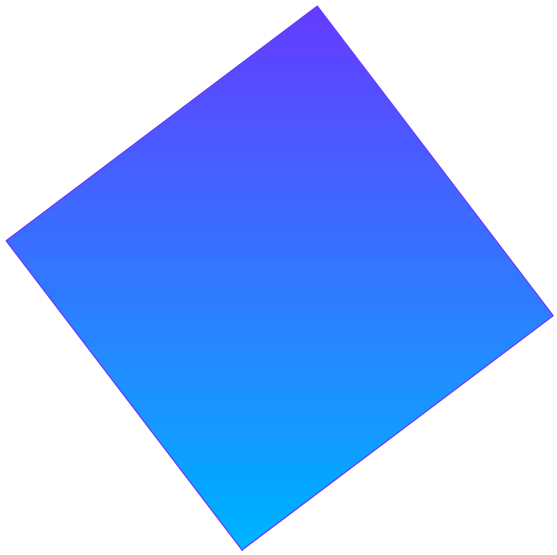
UDB Training



Solution Enablement Center (SEC)

IBM CHINA

Yang Zhenghong
e-mail: yangzh@cn.ibm.com

IBM Software

? IBM 1997

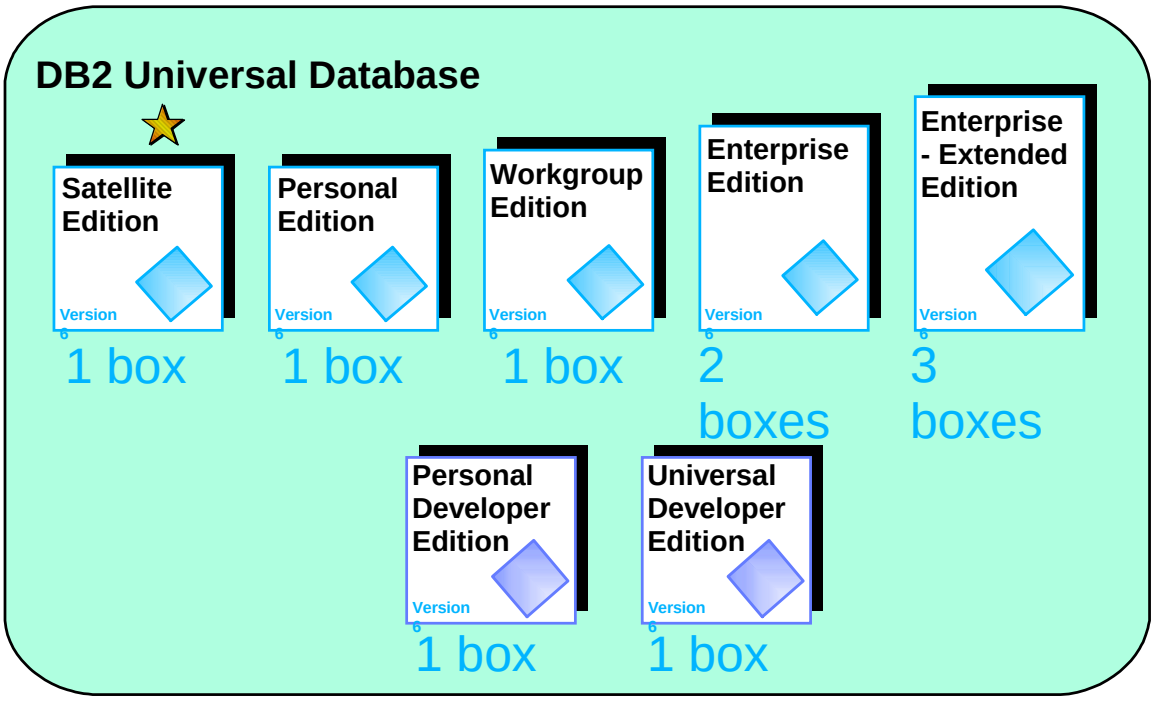
UDB Administration & Application Development

- UDB Product Overview
- Getting Started and Connected
- UDB Data Placement
- UDB Data Object
- UDB Data Management
- UDB Security
- UDB Application
- Integrated Tools

IBM Software

? IBM 1997

V6.1 Base Product Packing



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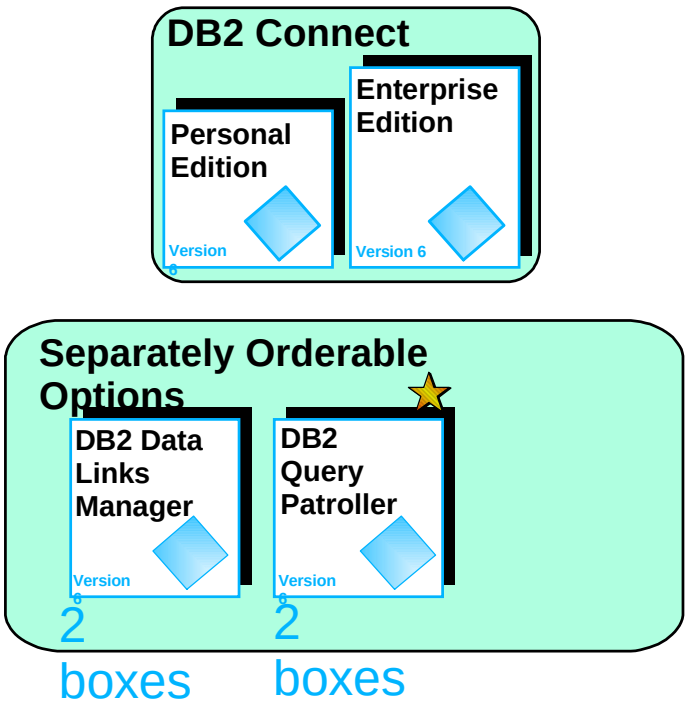
V6.1 Additional Product Packaging



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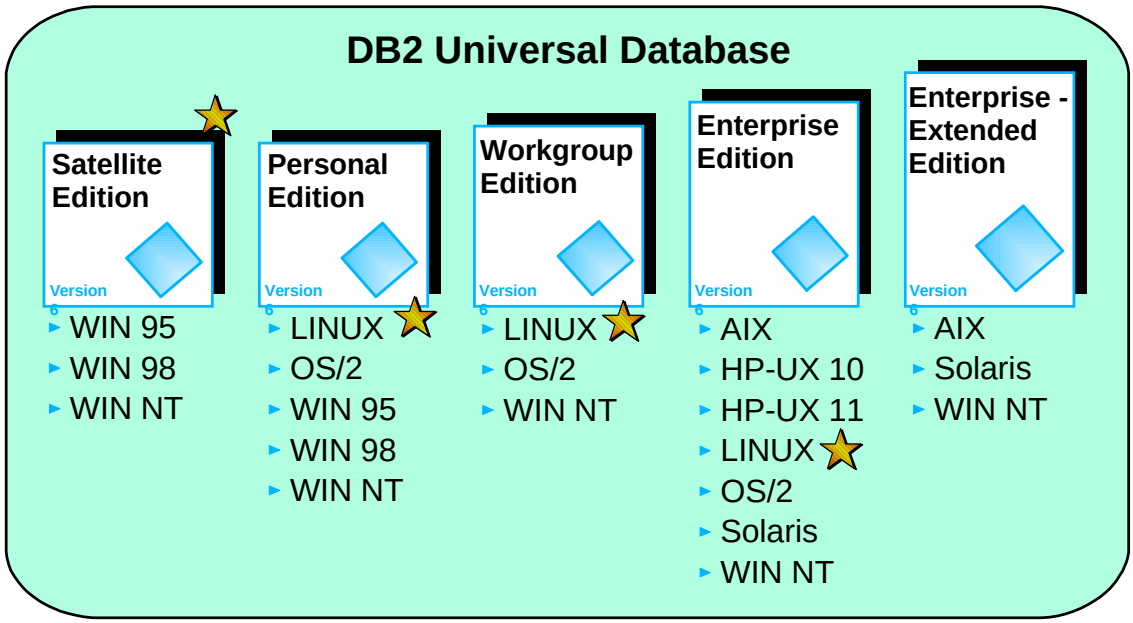
DB2 UDB V6.1 Server Platforms



Note: DB2 Satellite Edition will ship as 6.1 but after GA, date TBD

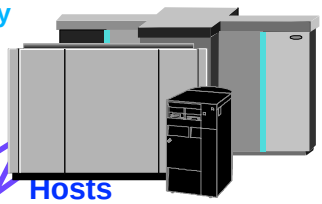
CF071104

DB2 Products

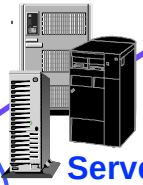
- Industrial Strength Scalable Database Servers
- Open Database Environment
- Access to Enterprise Data
- Enterprise Data Management Tools
- Advanced Application Development
- Industry Tools and Applications
- Proven Service and Support

Open Connectivity

DRDA Gateways (DB2 Connect)
DataJoiner
DataPropagator
DataHub

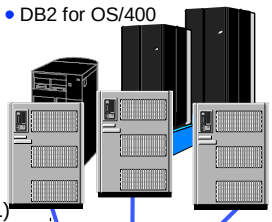


Hosts
- DB2 for OS/390
- DB2 Server for VSE/VM
- DB2 for OS/400



LAN
TCP/IP
APPC/APPN
IPX/SPX
NETBIOS

Servers
- DB2 for AIX
- DB2 for OS/2
- DB2 for HP-UX
- DB2 for Solaris
- DB2 for SINIX
- DB2 for NT(INTEL)
- DB2 for SCO
- Enterprise Editon is all platforms
- Workgroup Editions is INTEL platforms only



Parallel
- DB2 EEE for AIx
- DB2 EEE for Solaris
- DB2 EEE for NT

Clients
- DOS
- WINDOWS
- WinNT
- Win95
- OS/2
- AIX
- HP-UX
- SUN Solaris
- SGI
- MAC
- Web Browsers

Personal
- DB2 for OS/2
- DB2 for WinNT
- DB2 for Win95

Standards
X/Open CLI
X/Open XA
ODBC
ANSI SQL
OSF DCE

DB2 UDB for LINUX

Robust Enterprise Database Server for LINUX

- Support for Personal, Workgroup and Enterprise Editions
- Includes DB2 Connect for LINUX for host connectivity
- Full technical support available

Support for major Linux Distributions worldwide

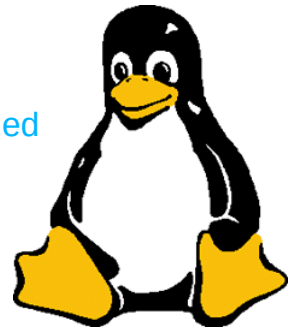
- Caldera Systems Inc.
- Pacific HiTech Inc.
- Red Hat Software Inc.
- SuSE Holding AG

Includes full DB2 UDB Web Support

- JDBC, SQLJ, Java Stored Procedures and User Defined Functions
- Web Control Center

Free DB2 UDB Personal Developer's Edition

- Only free on LINUX



DB2 UDB V6.1 Client and SDK Platforms

DB2 Universal Database

Clients Version 6

- OS/2
- AIX
- WIN 95
- WIN 98
- WIN NT
- LINUX ★
- HP UX 10
- HP UX 11
- Solaris
- SGI IRIX

SDKs Version 6

- OS/2
- AIX
- WIN 95
- WIN 98
- WIN NT
- LINUX ★
- HP UX 10
- HP UX 11
- Solaris
- SGI IRIX

V6.1 DB2 UDB Client Types

Runtime Client

- ability to access DB2 databases

Administration Client

- ability to access DB2 databases
- ability to administer DB2 databases with GUI tools
- included as a component with all DB2 Universal Database and Connect product packages

SDK Client

- application development environment
- ability to access DB2 databases
- optional ability to administer DB2 databases with GUI tools

- All remote applications that are not Java applets must have a DB2 client installed on client machine before they can access the remote database

- "No CAE in V6"

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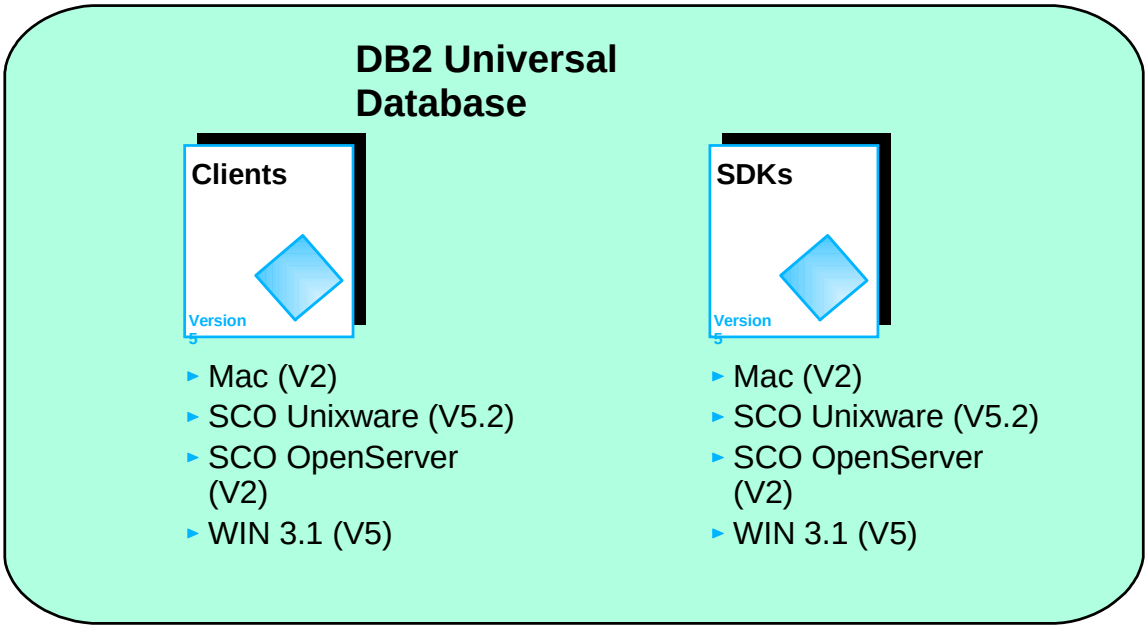
Non V6.1 Level Clients



Note: All clients and SDKs are available from the web

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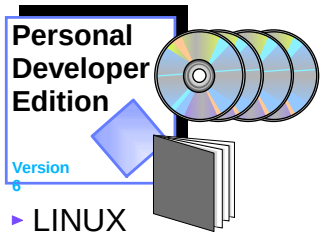
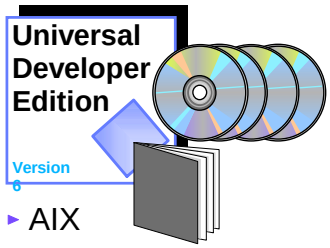
DB2 UDB V6.1 Development Platforms



- LINUX
- OS/2
- WIN 95
- WIN 98
- WIN NT



- AIX
- HP-UX
- LINUX
- OS/2
- SGI IRIX
- Solaris
- WIN 95
- WIN 98
- WIN NT

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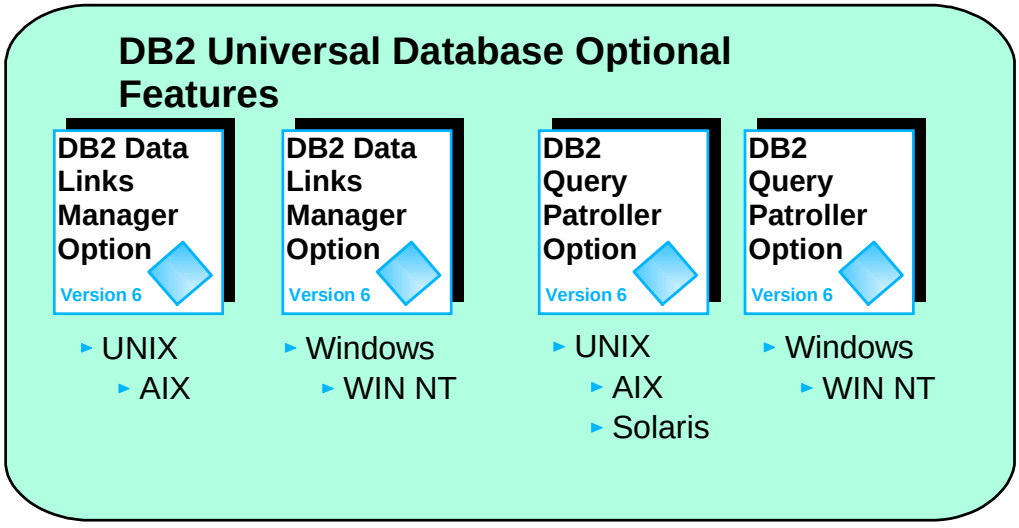
DB2 UDB V6.1 Optional Feature Platforms



- UNIX
  - AIX
- Windows
  - WIN NT
- UNIX
  - AIX
  - Solaris
- Windows
  - WIN NT

Note: DB2 QP for NT will ship as 6.1 but after GA, date TBD

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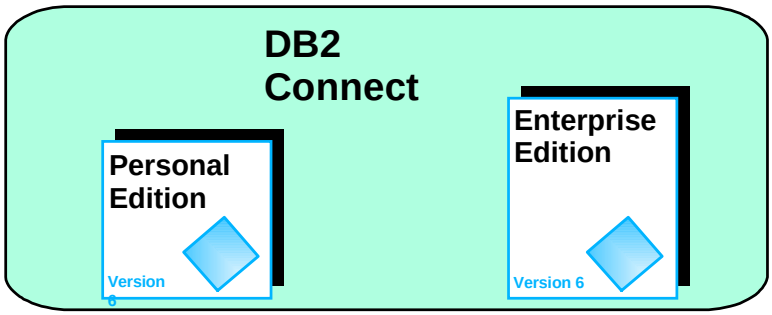
DB2 Connect V6.1 Platforms



- LINUX
- OS/2
- WIN 95
- WIN 98
- WIN NT

- AIX
- HP-UX
- LINUX
- OS/2
- Solaris
- WIN NT

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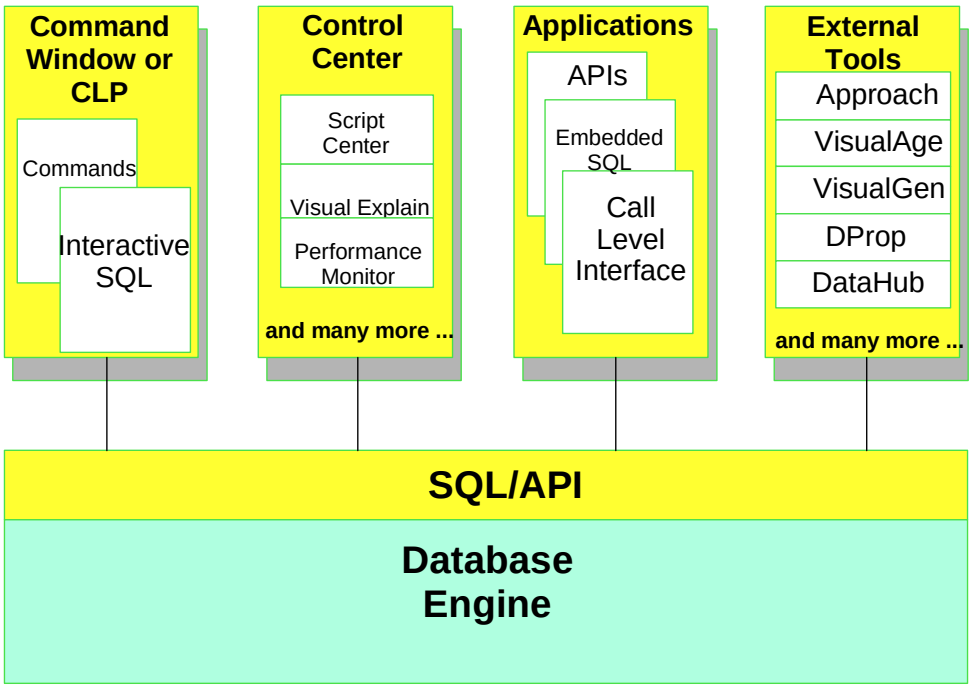
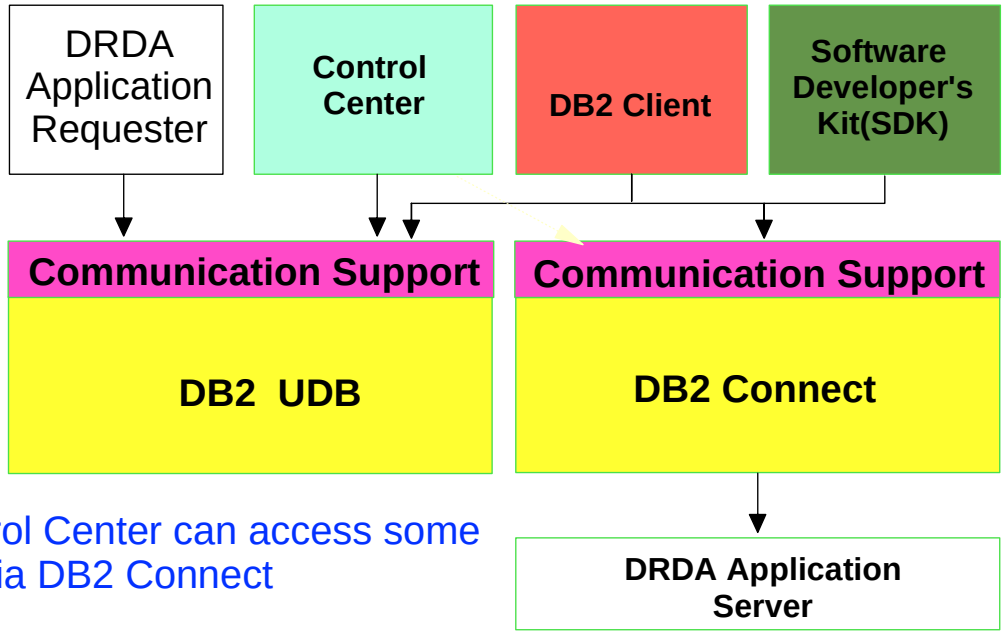
Accessing DB2

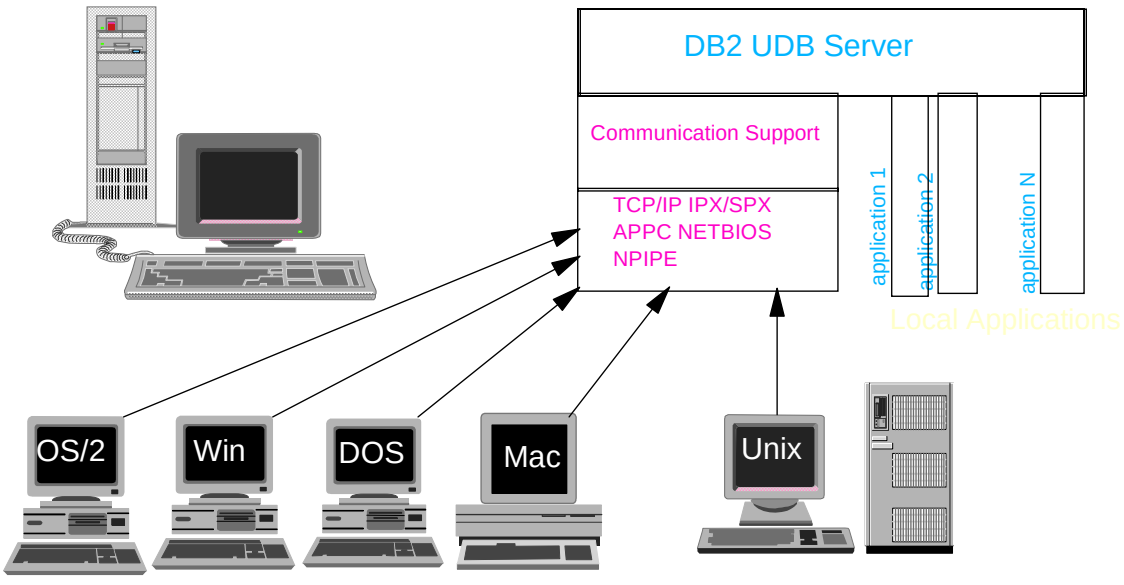


DB2 Product Support



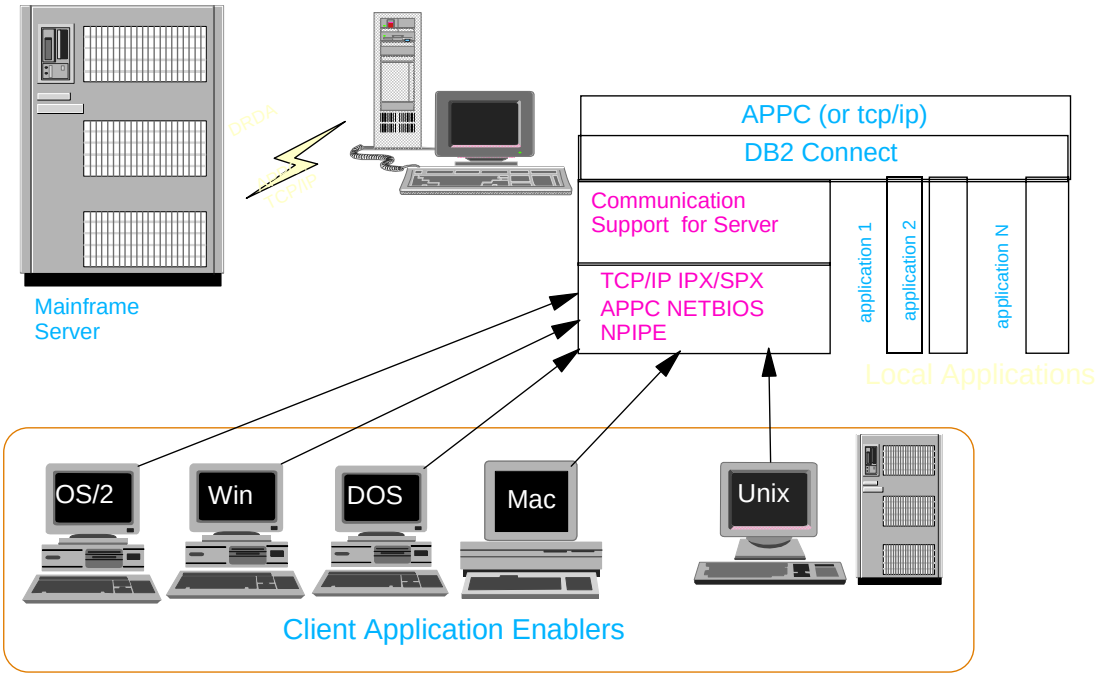
The Control Center can access some function via DB2 Connect

DB2 Workgroup & Enterprise Edn.



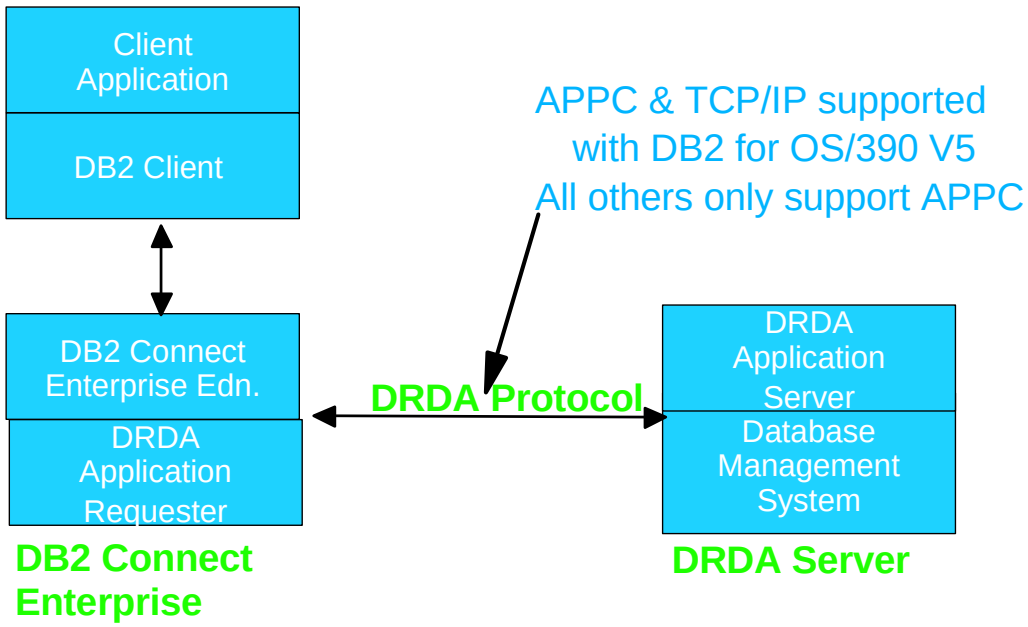
Remote Applications

DB2 Connect Enterprise Edition

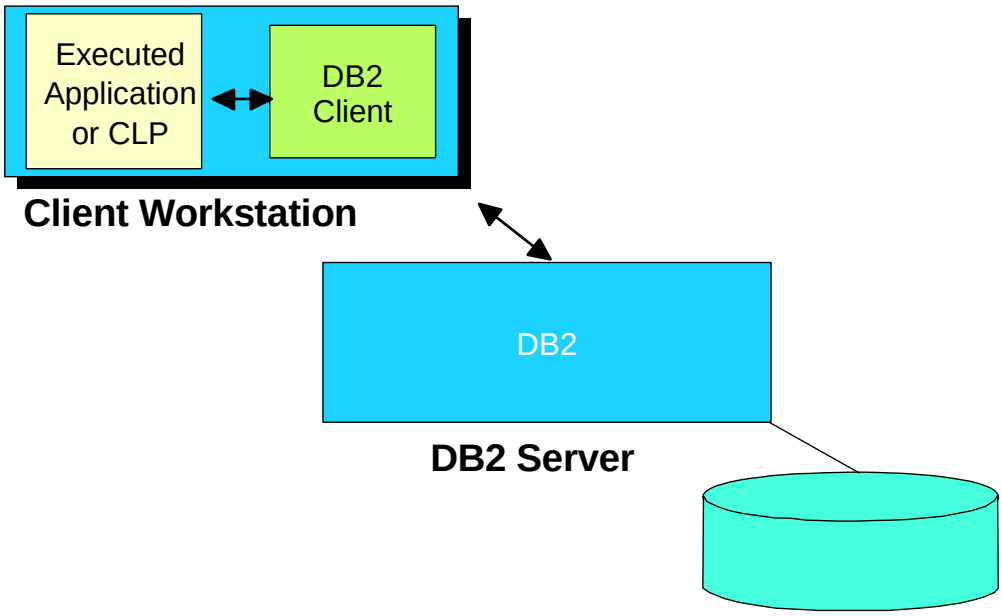


Remote Applications

DRDA Flow with DB2 Connect Enterprise Edn.



CAE Flow


Executed Application or CLP
DB2 Client
Client Workstation
DB2
DB2 Server