



MES COLLEGE ERUMELY

POWERPOINT PRESENTATION & GOOGLE SLIDES



**Prof. (Dr.) ANIL KUMAR S.
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2 Note - Introduction-Introduction Set of 1235 - PowerPoint

FILE HOME INSERT DESIGN TRANSITIONS ANIMATIONS SLIDE SHOW REVIEW VIEW

Microprocessors and PC Hardware (Core)

Semester III – BCA
MG UNIVERSITY

SABJAN YOOSEF
MES COLLEGE ERUMELY

Wednesday, October 26, 2021

Windows taskbar showing search bar, task icons, address bar, and system tray with date 20-10-2021 and time 11:16 PM.

2 Note - 925 Pin Diagram - PowerPoint

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RD (Output 3state):

READ: indicates the selected memory or I/O device is to be read and that the Data Bus is available for the data transfer.

WR (Output 3state):

WRITE: Indicates the data on the Data Bus is to be written into the selected memory or I/O location. Data is set up at the trailing edge of WR. 3stated during Hold and Halt modes.

READY (Input):

If Ready is high during a read or write cycle, it indicates that the memory or peripheral is ready to send or receive data. If Ready is low, the CPU will wait for Ready to go high before completing the read or write cycle.

Wednesday, October 26, 2021

Windows taskbar showing search bar, task icons, address bar, and system tray with date 20-10-2021 and time 11:17 PM.

poetic meter (1) - PowerPoint (Freeform Activation Failed)

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Foot

- A poetic foot is a repeated sequence of rhythm comprised of two or more stressed and/or unstressed syllables.
- **Poetic meter** is comprised of **poetic feet**

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Wednesday, October 26, 2021

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Applied Linguistics (Product Activated on Field)

Applied Linguistics (1950s)

The field of appl. linguistics started from Europe and the United States, the field rapidly flourished in the international context

In the 1960s, Appl.Lgcs. was expanded to include language assessment and L2 acquisition.	In the 1970s, Appl. linguistics included solution of language-related problems in the real world.	By the 1990s, Applied linguistics has broadened including critical studies and multilingualism.
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25°C 11:21 PM 27-01-2023

ON KILLING A TREE.pdf - Adobe Acrobat Reader (64-bit)

Home Tools ON KILLING A TRE...

Search Tools Text

- Export PDF
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- Fill & Sign

Earth cave refers to the ground on which the foundation of the tree is laid as it holds the roots and keeps the tree standing tall and protects it from adversities such as heavy rainfall or storm.

- To kill a tree one has to attack the root of the tree by pulling it out of the earth.
- The source of its existence has to be destroyed by taking it out of its place of security and stability.
- The root should be tied with a rope and pulled out entirely from its safe place below the earth or it should be snapped out of there.
- The root, which is the source of strength for the tree is also the most sensitive part as it is hidden inside the earth for years and must be exposed.
- The tree establishes a wonderful give and take relationship with earth by taking what it needs and giving back what the earth requires.

25°C 11:22 PM 27-01-2023

Topic: The Database System Environment - FileWord (Product Activated on Field)

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3 (Das Tale)

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DBMS
By
Sabarin Yousuf

33°C 05:14 PM 30-01-2023



PowerPoint slide titled "The Database System Environment".

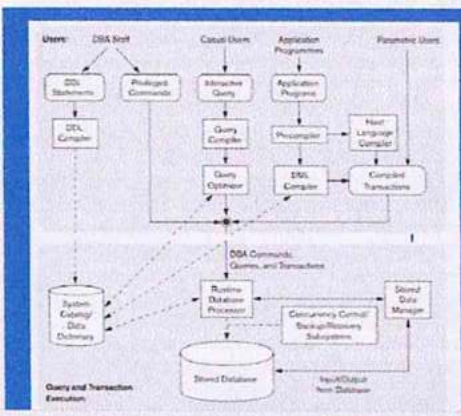
The Database System Environment



A DBMS is a complex software system. In this section we discuss the types of software components that constitute a DBMS and the types of computer system software with which the DBMS interacts.

PowerPoint slide titled "Components modules of a DBMS and their interactions".

Components modules of a DBMS and their interactions



The figure is divided into two parts. The top part refers to the various users of the database environment and their interfaces. The lower part shows the internals of the DBMS responsible for storage of data and processing of transactions.

PowerPoint slide titled "1. DBMS Component Modules".

1. DBMS Component Modules

The database and the DBMS catalog are usually stored on disk. Access to the disk is controlled primarily by the **operating system (OS)**, which schedules disk read/write.

Many DBMSs have their own **buffer management module** to schedule disk read/write. Reducing disk read/write improves performance. A higher-level **stored data manager** module of the DBMS controls access to DBMS information that is stored on disk, whether it is part of the database or the catalog.



Microsoft PowerPoint 2010 interface showing a slide titled "First Part of Component Module".

First Part of Component Module

Let us consider the top part of Figure first. It shows interfaces for the

1. **DBA Staff** - Works on defining the database and tuning it by making changes to its definition using the DDL and other privileged commands.
2. **Casual Users** - Work with interactive interfaces to formulate queries.
3. **Application Programmers** - Create programs using some host programming languages.
4. **Parametric Users** - Who do data entry work by supplying parameters to predefined transactions.

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Microsoft PowerPoint 2010 interface showing a slide titled "DDL Compiler".

DDL Compiler

The DDL compiler processes schema definitions, specified in the DDL, and stores descriptions of the schemas (meta-data) in the DBMS catalog.

The catalog includes information such as the names and sizes of files, names and data types of data items, storage details of each file, mapping information among schemas, and constraints. In addition, the catalog stores many other types of information that are needed by the DBMS modules, which can then look up the catalog information as needed.

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Microsoft PowerPoint 2010 interface showing a slide titled "Casual Users".

Casual Users

Casual users and persons with occasional need for information from the database interact using some form of interface, which we call the **interactive query** interface in the above figure. We have not explicitly shown any menu-based or form-based interaction that may be used to generate the interactive query automatically.

These queries are parsed and validated for correctness of the query syntax, the names of files and data elements, and so on by a **query compiler** that compiles them into an internal form. This internal query is subjected to query optimization.

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Casual Users ...

The **query optimizer** is concerned with the rearrangement and possible reordering of operations, elimination of redundancies, and use of correct algorithms and indexes during execution. It consults the system catalog for statistical and other physical information about the stored data and generates executable code that performs the necessary operations for the query and makes calls on the runtime processor.

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Communications Software

Whose function is to allow users at locations remote from the database system site to access the data-base through computer terminals, workstations, or personal computers. These are connected to the database site through data communications hardware such as Internet routers, phone lines, long-haul networks, local networks, or satellite communication devices.

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Thank You!

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19 Home Database Security and Authorization - PowerPoint (Database Backup on File)

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CA2CRT03
Database Management Systems
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19 Home Database Security and Authorization - PowerPoint (Product Release Page)

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Silent Prayer...

God hears every silent prayer of a Sincere Heart!

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19 Home Database Security and Authorization - PowerPoint (Product Release Page)

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2. Control Measures

Four main control measures are used to provide security of database:

- Access control
- Integrity control
- Flow control
- Data interception

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19 Notes Database Security and Authentication - PowerPoint Presentation (Auto-Advance Slides)

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Access control

A security problem common to computer systems is that of preventing unauthorized persons from accessing the system itself, either to obtain information or to make malicious changes in a portion of the database. The security mechanism of a DBMS must include provisions for restricting access to the database system as a whole. This function, called access control, is handled by creating user accounts and passwords to control the login process by the DBMS

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19 Notes Database Security and Authentication - PowerPoint Presentation (Auto-Advance Slides)

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Flow control

Another security issue is that of **flow control**, which prevents information from flowing in such a way that it reaches unauthorized users. Channels that are pathways for information to flow implicitly in ways that violate the security policy of an organization are called **covert channels**.

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THANK YOU

••••

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Google slides

27 Note

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COMPUTER FUNDAMENTALS & DIGITAL PRINCIPAL
UNIT - V
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27 Note

1. Simultaneous A/D Converter

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16 Note

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Computer Fundamentals & Digital Principal

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