

— UNDERSTANDING WITH C



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Birth ?

Birth

- Birth?

- What?
- Why?
- How?
 - High level
 - General Purpose
 - Structural
 - Procedural
- Used?
- Keys?

- Born At : AT & T's Bell Laboratory of USA in 1972.
- Written By : Dennis Ritchie (Father of C)
- Designed After : B Language (Ken Thompson)
- Stable release : C11, published in 2011, replaces C99.
- Most commonly used for : UNIX operating system.

What ?

What

- Birth?
- What?
- Why?
- How?
 - High level
 - General purpose
 - Structured
 - Procedural
- Used?
- Keys?

- A Programming language
- A High level language
- A General purpose programming language
- A Structured programming language
- A Procedural programming language

Why ?

Why

- Birth?
- What?
- Why?
- How?
 - High level
 - General Purpose
 - Structural
 - Procedural
- Used?
- Keys?

- Reasonably close to the machine
- C is succinct (compact or precise)
- C has features :
 - 1.Easy
 - 2.Efficient
 - 3.Logical
 - 4.Highly Portable
 - 5.Ability to extend itself

How ?

How-High Level

- Birth?
- What?
- Why?

- **How?**

High level

General Purpose

Structural

Procedural

- Used?
- Keys?

- Closely resembles English language
- Much easy to understand as compare to low level.
- More over it is also called Middle-level language.

How-General Purpose

- Birth?
- What?
- Why?

- **How?**

High level

General purpose

Structural

Procedural

- Used?
- Keys?

- Designed to be used for writing software in a wide variety of application domains.
- Broadly applicable across application domains.

How-Structural

- Birth?
- What?
- Why?

- **How?**

High level

General Purpose

Structural

Procedural

- Used?
- Keys?

- Modular programming.
- Enforces a logical structure on the program.
- It make program more efficient and easier to understand and modify.
- Aimed at improving clarity, quality, and development time of a computer program

How-Procedural

- Birth?
- What?
- Why?

- **How?**

High level

General Purpose

Structural

Procedural

- Used?
- Keys?

- Simply contain a series of computational steps.
- Derived from structured programming.
- Relies heavily on blocks and scope.

Used ?

Used

- Birth?
 - What?
 - Why?
 - How?
 - High level
 - Dynamic
 - Interpreted
 - Prototyping
 - Used?
 - Keys?
- Google
 - Adobe Systems
 - Autodesk Maya
 - MySQL
 - Mozilla
 - UNIX kernel
 - Many more...

Keys ?

Keys to remember

- Birth?
- What?
- Why?
- How?
 - High level
 - General Purpose
 - Structural
 - Procedural
- Used?
- **Keys?**

- High level language.
- General Purpose programming language.
- Structural programming language.
- Procedural programming language.
- Powerful.
- Portability.
- Succinct.

EVALUATION OF C LANGUAGE





THANK YOU

QUERIES ??