

Cours de technologie 6e 5e 4e La programmation

[illegible]

Etienne Rinckel

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1 Introduction

2 Historique

3 Applications



A quoi sert la programmation ?

A votre avis à quoi sert la programmation ?

L'assembleur.

- Juin 2004.
- Maurice Vincent Wilkes, David John Wheeler, Stanley Gill.
- Nouvelles normes x32.

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MONITOR FOR 6802 1.4          9-14-80  TSC ASSEMBLER  PAGE    2

C000                      ORG    RCM+$0000 BEGIN MONITOR
C000 8E 00 70  START  LDS    #STACK

*****
* FUNCTION: INITA - Initialize ACIA
* INPUT: none
* OUTPUT: none
* CALLS: none
* DESTROYS: acc A

0013      RESETA EQU    %00010011
0011      CTLREG EQU    %00010001

C003 86 13      INITA  LDA A  #RESETA  RESET ACIA
C005 B7 80 04      STA A  ACIA
C008 86 11      LDA A  #CTLREG  SET 8 BITS AND 2 STOP
C00A B7 80 04      STA A  ACIA

C00D 7E C0 F1      JMP    SIGNON    GO TO START OF MONITOR

*****
* FUNCTION: INCH - Input character
* INPUT: none
* OUTPUT: char in acc A
* DESTROYS: acc A
* CALLS: none
* DESCRIPTION: Gets 1 character from terminal

C010 B6 80 04      INCH  LDA A  ACIA      GET STATUS
C013 47          ASR A      SHIFT RDRF FLAG INTO CARRY
C014 24 FA      BCC  INCH  RECIEVE NOT READY
C016 B6 80 05      LDA A  ACIA+1  GET CHAR
C019 84 7F      AND A  #$7F  MASK PARITY
C01B 7E C0 79      JMP    OUTCH  ECHO & RTS

*****
* FUNCTION: INHEX - INPUT HEX DIGIT
* INPUT: none
* OUTPUT: Digit in acc A
* CALLS: INCH
* DESTROYS: acc A
* Returns to monitor if not HEX input

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Le fortran.

- 1957.
- John Backus.



Le cobol.

- 1959.
- Grace Hopper.
- Utilisé pour les transactions bancaires.



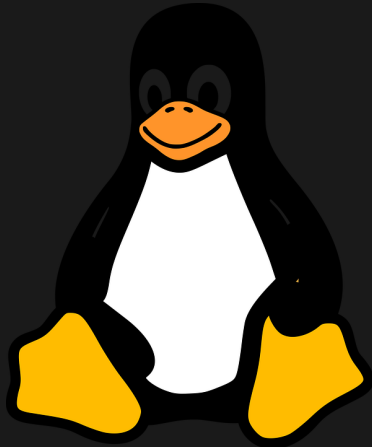
Le C.

- 1976.
- Dennis Ritchie.
- C++.
- Normes mise à jour régulièrement.



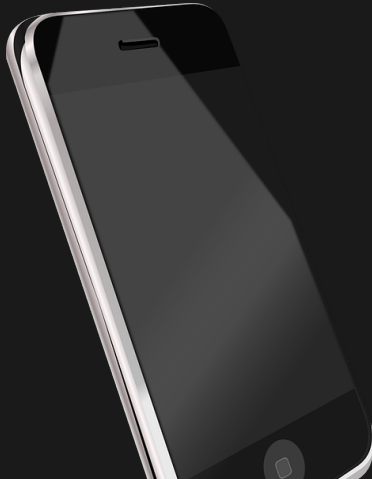
Les systèmes d'exploitation.

- Windows.
- Linux.
- Android.



Les applications mobiles.

- Music player.
- Candy crush.



Les logiciels.

- Word.
- Excel.
- Photoshop.
- Paint.



Les systèmes embarqués.

- Arduino.
- mBed.
- Domotique.
- Moteurs.
- Volets.
- Leds.



Les jeux vidéos.

- Librairies.
- Fortnite.
- Sims.

