

Op een programma-editor pagina van de Nspire zijn veel getrapte menukeuzes te maken. Hieronder een overzicht.

Programma-editor

- Nieuw...
- Openen...
- Importeren...
- Bekijken...

In het editorpage-menu:

- 1: Acties
- 2: Syntax controleren en opslaan
- 3: Variabelen definiëren
- 4: Besturing
- 5: Overzendingen
- 6: I/O
- 7: Modus
- 8: Hub

4: Besturing

- 1: If
- 2: If...Then...EndIf
- 3: If...Then...Else...EndIf
- 4: Elseif...Then
- 5: For...EndFor
- 6: While...EndWhile
- 7: Loop...EndLoop
- 8: Try...Else...EndTry
- 9: ClrErr
- A: PassErr
- B: errCode
- C: warnCodes
- D: Wait

5: Overzendingen

- 1: Return
- 2: Cycle
- 3: Exit
- 4: Lbl
- 5: GoTo Lbl
- 6: Stop

6: I/O

- 1: Disp
- 2: DispAt
- 3: Request
- 4: RequestStr
- 5: Text
- 6: getKey
- 7: Get
- 8: GetStr
- 9: Send
- A: RefreshProbeVars

7: Modus

- 1: Cijfers weergeven
- 2: Hoek
- 3: Exponentiële opmaak
- 4: Reëel of complex
- 5: Auto of benaderend
- 6: Vectoropmaak
- 7: Grondtal
- 8: Haal-modus
- 9: Taalinformatie ophalen

8: Hub

- 1: Send "SET"
- 2: Send "READ"
- 3: Settings
- 4: Wait
- 5: Get
- 6: eval(
- 7: Rover (RV)
- 8: Send "CONNECT-Output"
- 9: Send "CONNECT-Input"
- A: Ports
- B: Send "RANGE"
- C: Send "AVERAGE"
- D: Send "DISCONNECT-Output"
- E: Send "DISCONNECT-Input"
- F: Manage

8:Hub

2:Send "READ"

- 1: BRIGHTNESS
- 2: DHT
- 3: RANGER
- 4: LOUDNESS
- 5: LIGHTLEVEL
- 6: TEMPERATURE
- 7: SWITCH
- 8: BUTTON
- 9: MOTION
- A: POTENTIOMETER
- B: MOISTURE
- C: THERMISTOR
- D: ANALOG.IN
- E: DIGITAL.IN
- F: AVERAGING

8:Hub

3: Settings

- 1: ON
- 2: OFF
- 3: TO
- 4: TIME
- 5: BLINK
- 6: TEMPERATURE
- 7: HUMIDITY
- 8: CW
- 9: CCW
- A: TOGGLE
- B: PULLDOWN
- C: INPUT

8:Hub

7: Rover (RV)

- 1: Drive RV
- 2: Read RV Sensors
- 3: RV Settings
- 4: Read RV Path
- 5: RV Color
- 6: RV Setup
- 7: RV Control
- 8: Send "CONNECT RV"
- 9: Send "DISCONNECT RV"

8:Hub

8: Send "CONNECT-Output"

- 1: LIGHT
- 2: COLOR
- 3: SOUND
- 4: LED
- 5: SPEAKER
- 6: BUZZER
- 7: RELAY
- 8: SERVO
- 9: SERVO.CONTINUOUS
- A: DCMOTOR
- B: VIB.MOTOR
- C: SQUAREWAVE
- D: RGB
- E: ANALOG.OUT
- F: DIGITAL.OUT

8:Hub

9: Send "CONNECT-Input"

- 1: BRIGHTNESS
- 2: DHT
- 3: RANGER
- 4: LOUDNESS
- 5: LIGHTLEVEL
- 6: TEMPERATURE
- 7: SWITCH
- 8: BUTTON
- 9: MOTION
- A: POTENTIOMETER
- B: MOISTURE
- C: THERMISTOR
- D: ANALOG.IN
- E: DIGITAL.IN

8:Hub

A: Ports

- 1: OUT 1
- 2: OUT 2
- 3: OUT 3
- 4: IN 1
- 5: IN 2
- 6: IN 3
- 7: I2C
- 8: BB 1
- 9: BB 2
- A: BB 3
- B: BB 4
- C: BB 5
- D: BB 6
- E: BB 7
- F: BB 8
- G: BB 9
- H: BB 10

8:Hub

B: Send "RANGE"

- 1: BRIGHTNESS
- 2: LOUDNESS
- 3: LIGHTLEVEL
- 4: TEMPERATURE
- 5: POTENTIOMETER
- 6: MOISTURE
- 7: THERMISTOR
- 8: ANALOG.IN

8:Hub

C: Send "AVERAGE"

- 1: BRIGHTNESS
- 2: LOUDNESS
- 3: LIGHTLEVEL
- 4: TEMPERATURE
- 5: POTENTIOMETER
- 6: MOISTURE
- 7: THERMISTOR
- 8: ANALOG.IN

8:Hub

D:Send "DISCONNECT-Output"

- 1:LIGHT
- 2:COLOR
- 3:SOUND
- 4:LED
- 5:SPEAKER
- 6:BUZZER
- 7:RELAY
- 8:SERVO
- 9:SERVO.CONTINUOUS
- A:DCMOTOR
- B:VIB.MOTOR
- C:SQUAREWAVE
- D:RGB
- E:ANALOG.OUT
- F:DIGITAL.OUT

8:Hub

E:Send "DISCONNECT-Input"

- 1:BRIGHTNESS
- 2:DHT
- 3:RANGER
- 4:LOUDNESS
- 5:LIGHTLEVEL
- 6:TEMPERATURE
- 7:SWITCH
- 8:BUTTON
- 9:MOTION
- A:POTENTIOMETER
- B:MOISTURE
- C:THERMISTOR
- D:ANALOG.IN
- E:DIGITAL.IN

8:Hub

F:Manage

- 1:Send "BEGIN"
- 2:Send "ISTI"
- 3:Send "WHO"
- 4:Send "WHAT"
- 5:Send "HELP"
- 6:Send "VERSION"
- 7:Send "ABOUT"

8:Hub

7:Rover (RV)

1:Drive RV

- 1:FORWARD
- 2:BACKWARD
- 3:LEFT
- 4:RIGHT
- 5:STOP
- 6:RESUME
- 7:STAY
- 8:TO XY
- 9:TO POLAR
- A:TO ANGLE

8:Hub

7:Rover (RV)

2:Read RV Sensors

- 1:RV.RANGER
- 2:RV.COLORINPUT
- 3:RV.COLORINPUT.RED
- 4:RV.COLORINPUT.GREEN
- 5:RV.COLORINPUT.BLUE
- 6:RV.COLORINPUT.GRAY

8:Hub

7:Rover (RV)

3:RV Settings

- 1:SPEED
- 2:TIME
- 3:DISTANCE
- 4:UNITS/S
- 5:M/S
- 6:REVS/S
- 7:UNITS
- 8:M
- 9:REVS
- A:DEGREES
- B:RADIANS
- C:GRADS
- D:XYLINE
- E:LEFT
- F:RIGHT
- G:BRAKE
- H:COAST
- I:CW
- J:CCW

8:Hub

7:Rover (RV)

4:Read RV Path

- 1:RV.WAYPOINT.XYTHDRN
- 2:RV.WAYPOINT.PREV
- 3:RV.WAYPOINT.CMDNUM
- 4:RV.PATHLIST.X
- 5:RV.PATHLIST.Y
- 6:RV.PATHLIST.TIME
- 7:RV.PATHLIST.HEADING
- 8:RV.PATHLIST.DISTANCE
- 9:RV.PATHLIST.REVS
- A:RV.PATHLIST.CMDNUM
- B:RV.WAYPOINT.X
- C:RV.WAYPOINT.Y
- D:RV.WAYPOINT.TIME
- E:RV.WAYPOINT.HEADING
- F:RV.WAYPOINT.DISTANCE
- G:RV.WAYPOINT.REVS

- 8:Hub
 - 7:Rover (RV)
 - 5:RV Color
- 1:RV.COLOR
 - 2:RV.COLOR.RED
 - 3:RV.COLOR.GREEN
 - 4:RV.COLOR.BLUE

- 8:Hub
 - 7:Rover (RV)
 - 6:RV Setup
- 1:RV.POSITION
 - 2:RV.GYRO
 - 3:RV.GRID.ORIGIN
 - 4:RV.GRID.M/UNIT
 - 5:RV.PATH CLEAR
 - 6:RV MARK

- 8:Hub
 - 7:Rover (RV)
 - 7:RV Control
- 1:SET RV.MOTORS
 - 2:SET RV.MOTOR.L
 - 3:SET RV.MOTOR.R
 - 4:SET RV.ENCODERSGYRO 0
 - 5:READ RV.ENCODERSGYRO
 - 6:READ RV.GYRO