MIT APP INVENTOR

Projects ▾ Connect ▾ Build ▾ Settings ▾ Help ▾

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BluetoothControl   Screen1 ▾   Add Screen ...   Remove Screen   Publish to Gallery   Designer   Blocks

Palette

Search Components...

User Interface
- Button
- CheckBox
- DatePicker
- Image
- Label
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- Switch
- TextBox
- TimePicker
- WebViewer

Layout
Media
Drawing and Animation
Maps
Sensors
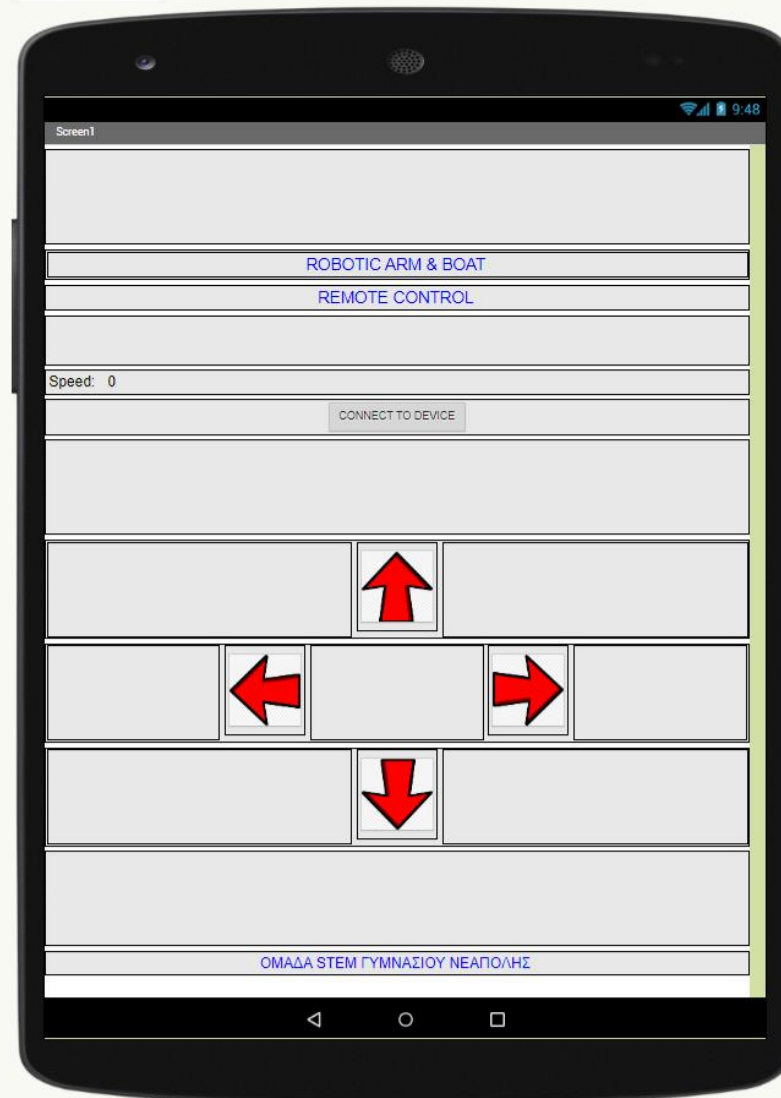Social
Storage
Connectivity
LEGO® MINDSTORMS®
Experimental
Extension

Viewer

☐ Display hidden components in Viewer
Monitor size (1024,768) ▾

Screen1   🔋 9:48

ROBOTIC ARM & BOAT
REMOTE CONTROL

Speed: 0

CONNECT TO DEVICE

ΟΜΑΔΑ STEM ΓΥΜΝΑΣΙΟΥ ΝΕΑΠΟΛΗΣ

◁   ○   □

Non-visible components
BluetoothClient1   Notifier1   Clock1

Components
- Screen1
  - HorizontalArrangeme
  - HorizontalArrangeme
    - HorizontalArrange
      - Label1
  - HorizontalArrangeme
    - Label2
  - HorizontalArrangeme
  - HorizontalArrangeme
    - Label4
    - lblspeed
  - HorizontalArrangeme
    - ListPicker1
  - HorizontalArrangeme
  - HorizontalArrangeme
    - VerticalArrangeme
    - VerticalArrangeme

Rename   Delete

Media
- downarrow.jpg
- leftarrow.jpg
- rightarrow.jpg
- uparrow.jpg

Upload File ...

Properties

Screen1

AboutScreen

AccentColor
■ Default

AlignHorizontal
Left : 1 ▾

AlignVertical
Top : 1 ▾

AppName
BluetoothControl

BackgroundColor
☐ Default

BackgroundImage
None...

BigDefaultText
☐

BlocksToolkit
All ▾

CloseScreenAnimation
Default ▾

DefaultFileScope
App ▾

HighContrast
☐

Icon
None...

OpenScreenAnimation
Default ▾

PrimaryColor
■ Default

PrimaryColorDark
■ Default

ScreenOrientation
Unspecified ▾

Scrollable
☐

ShowListsAsJson
☑

ShowStatusBar
☑

Sizing
Responsive ▾

Theme
Classic ▾

Title
Screen1

TitleVisible
☑

TutorialURL

VersionCode
1

VersionName
1.0

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BluetoothControl | Screen1 ▾ | Add Screen ... | Remove Screen | Publish to Gallery | Designer | Blocks

Blocks

- Built-in
  - Control
  - Logic
  - Math
  - Text
  - Lists
  - Dictionaries
  - Colors
  - Variables
  - Procedures
- Screen1
  - HorizontalArrangemen
    - HorizontalArrangemen
      - HorizontalArrangem
        - Label1
      - HorizontalArrangemen
        - Label2

Rename | Delete

Media

- downarrow.jpg
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- uparrow.jpg

Upload File ...

Viewer

initialize global numberofbytestoreceive to 0

when btnright .Click
do if BluetoothClient1 . IsConnected
then call BluetoothClient1 .SendText
text " R "
set Label1 . Text to " RIGHT "

when Clock1 .Timer
do if BluetoothClient1 . IsConnected
then set global numberofbytestoreceive to call BluetoothClient1 .BytesAvailableToReceive
if get global numberofbytestoreceive ≠ 0
then set lblspeed . Text to call BluetoothClient1 .ReceiveSigned1ByteNumber

when ListPicker1 .BeforePicking
do set ListPicker1 . Elements to BluetoothClient1 . AddressesAndNames

when Screen1 .Initialize
do set Label1 . Text to " DISCONNECTED "

when btnleft .Click
do if BluetoothClient1 . IsConnected
then call BluetoothClient1 .SendText
text " L "
set Label1 . Text to " LEFT "

when ListPicker1 .AfterPicking
do if call BluetoothClient1 .Connect
address ListPicker1 . Selection
then set Label1 . Text to " CONNECTED "
else set Label1 . Text to " DISCONNECTED "

when btnforward .Click
do if BluetoothClient1 . IsConnected
then call BluetoothClient1 .SendText
text " F "
set Label1 . Text to " FORWARD "

when btbbackward .Click
do if BluetoothClient1 . IsConnected
then call BluetoothClient1 .SendText
text " B "
set Label1 . Text to " BACKWARD "

⚠ 0   ✕ 0

Show Warnings