

Objectif

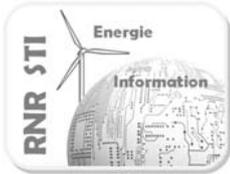
- Afficher, sur un Smartphone ANDROID, un message émis sur un port Bluetooth (ici par une brique NXT)

Configuration



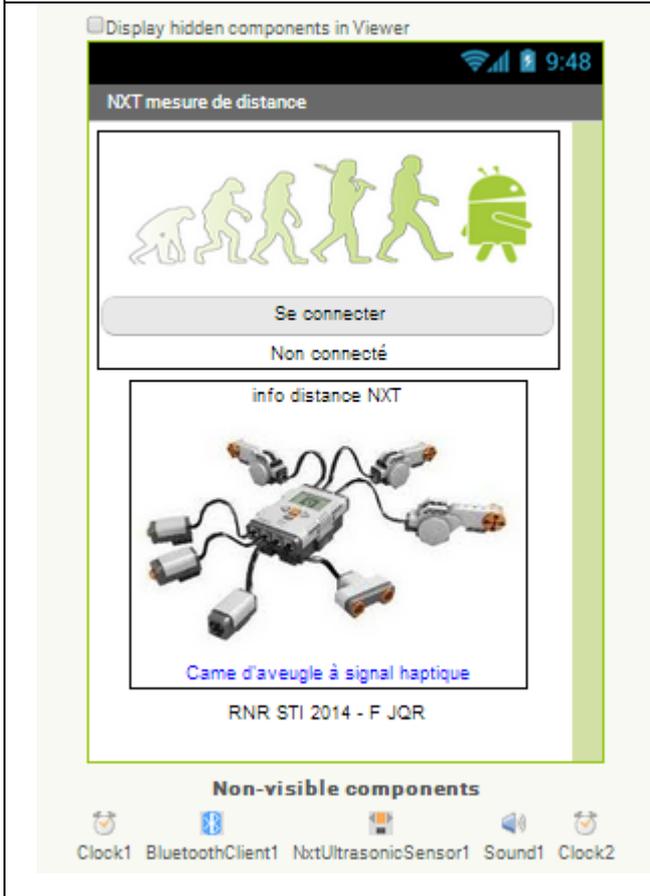
Aucun programme n'est à saisir dans la brique

Vous devez uniquement associer les 2 périphériques en Bluetooth

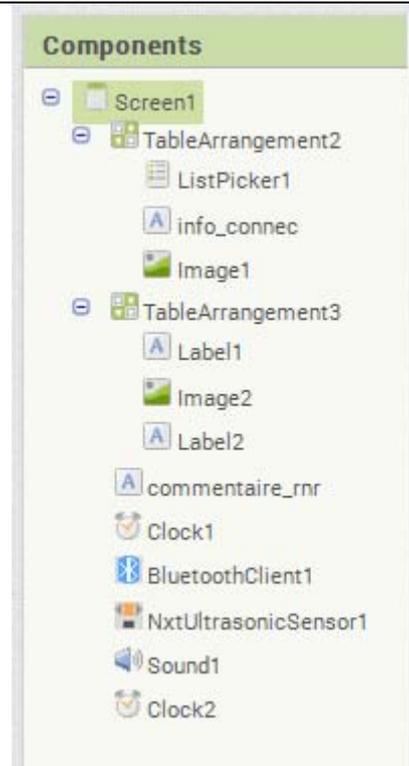


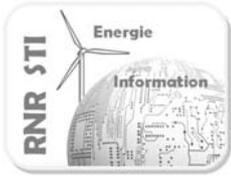
Application App Inventor du Smartphone

Ecran du terminal



Composants installés





Programme de l'application ANDROID

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

when ListPicker1 .AfterPicking
do set ListPicker1 . Enabled to call BluetoothClient1 .Connect
address ListPicker1 . Selection

when Clock1 .Timer
do if BluetoothClient1 . IsConnected
then set info_connec . TextColor to green
set info_connec . Text to "connecté"
else set info_connec . TextColor to red
set info_connec . Text to "non connecté"
```

Connection BLUETOOTH

```
initialize global distance to 0
```

```
when Clock2 .Timer
do if BluetoothClient1 . IsConnected
then set global distance to call NxtUltrasonicSensor1 .GetDistance + 0
set Label1 . Text to get global distance
if get global distance < 80
then call Sound1 .Vibrate
millisecs 1000
```

Traitement des données