App Inventor



- We are going to improve our first app by adding Text To Speech.
- This app has a button that when pressed the text on the button will change and the phone will speak.



Click the Media Palette, select the "TextToSpeech" component.

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Drag and drop the "TextToSpeech" component onto the App Inventor Screen.

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The "TextToSpeech" component does not appear on the screen. It is a hidden component. Rename to ttsClickMe.





Click the Blocks button to open the script editor.





Click the TextToSpeech Block. Select the "call ttsClickMe.Speak message" script from the pop out.





In the Built In Blocks select the Text Block. Type in the text you want to hear.





Drag and drop the "call ttsClickMe.Speak message" into the "when btnClickMe.Click do" block.





Click Connect, Emulator to launch the Emulator.

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Or click Connect, AI Companion to launch the app on an Android mobile device.

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App Inventor

- We are going to improve our first app more by adding an acceleromoeter.
- When the phone is shaken the the phone will speak.



Click the Sensors Palette, select the "AccelerometerSensor" component.





Drag and drop the "AcceleratorSensor" component onto the App Inventor Screen.





Rename the "AccelerometerSensor" to "accClickMe".





Click the accClickMe Block. Select the "when accClickMe.Shaking do" script from the pop out.





In the "when accClickMe.Shaking do" script duplicate the "call ttcClickMe.Speak message" script.





Type the text you want to hear when the phone is shaken.

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Or click Connect, AI Companion to launch the app on an Android mobile device.

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