Create a new App inventor project

Call it something like "Translator". Remember, no spaces. But underscores are OK.



Creating the screen adding a HorizontalArrangement

Add the following component to the screen

Translator2	Screen 1 • Add Screen Remove Screen	
Palette	Viewer Com	ponents Properties
User Interface	Display hidden components in Viewer	Screen1 HorizontalArrangement1
Fayout HorizontalArrangement HorizontalArrangement VerticalArrangement Prawing and Animation Sensors Social Storage	Screen1	Horizonte wrangement AlignHorizontal Center V AlignVertical Top V Visible showing V Width FIII parent Height FIII parent
Connectivity		
LEGO® MINDSTORMS®		Rename Delete
	Med	lia

More components to add... Title label

	Palette	Viewer	Components	Properties
	User Interface	Display hidden components in Viewer	Screen1	Label1
	Button (?)	?⊋⊿∥ இ 9:48	HorizontalArrangement1	BackgroundColor
	CheckBox 🤊	Screen1	Labert	None
	DatePicker 🤊	Language translator		FontBold
	🚰 Image 📀			FontItalic
U	A Label 🤊			Cantoine
	EIStPicker 🤊			14.0
	ListView 📀			FontTypeface
	🛕 Notifier 💿			default 🔻
	PasswordTextBox (?)			rext
	Slider (?)			Language translator
	Spinner 🤊			Text Migning of
	TextBox (?)			Center V
	TimePicker (?)			Black
	WebViewer 📀			Visible
				showing <
	Layout		Rename Delete	Width
	Media		Media	r in parent
	Drawing and Animation		Upload File	Height Automatic
	Sensors			

Add a VerticalArrangement and then into that add a label, button and text box

Translator2	Screen 1 • Add Screen Remove Screen		Designer Blocks
Palette	Viewer	Components	Properties
User Interface ■ Button CheckBox DatePicker ListPicker ListPicker ListView Notifier PasswordTextBox PasswordTextBox Sider Sider Ustrie CheckBox Chec	Display hidden components in Viewer	Screen1 MorizontalArrangement1 Label1 Label2 TeraBox1 Button1	VerticalArrangement1 AlighHorizontal Left V AlignYerical Top Visible showing V Width Fill paset. Height Automate
Media		Media	

Adding the YandexTranslatate and aTextToSpeech component (under the Media tab)

Translator2	Screen 1 +	Add Screen	Remove Screen		
Palette	Viewer				Components
User Interface			Displa	ay hidden components in Viewer	Screen1
Layout			Coros	হা	HorizontalArrangement1
Media			Scree	Language translator	VerticalArrangement1
Camcorder 📀			Enter t	ext to translate	A Label2
Camera 🤊					Button1
ImagePicker 💿			Trans	late	YandexTranslate1
Player 💿					TextToSpeech1
Sound 🕐					
SoundRecorder O					
SpeechRecognizer					
View of the second					
YandexTranslate					
Drawing and Animation					
Sensors					
Social				Non-visible componente	Rename Delete
Storage				Y V	Media
Connectivity				YandexTranslate1 TextToSpeech1	Upload File
Translator.apk	•				

Open the blocks editor



Adding an event handler for the button click

Get the translation for the text in the text box



Select the Yankex component and drag out the RequestTranslation ...

Attach it to the button click event handler



Update the event handler by adding the language to translate from and to and also the text to translate. We are going to take the text the user has entered in the text box.



Possible values for the translation

en-fr - is English to French es-ru- is Spanish to Russian

Now to handle the translation. Drag out the GotTranslationcoponent



Drag out the call speak component of the TextToSpeech



Then select the get translation and set as the message part of the Text To Speech call.



Test it out ..

Congratulations you have created the Translator ... can you improve it ?