



App Inventor

②

K1 情報
20210629

App Inventor



The screenshot shows the Mac App Store listing for 'MIT App Inventor'. The app icon features a white bee-like character in the center, surrounded by a hexagonal pattern of purple and green shapes, all set against an orange hexagonal background. To the right of the icon, the title 'MIT App Inventor' is displayed in bold black text, followed by a small '4+' rating indicator. Below the title is the text 'Massachusetts Institute of Technology'. Underneath that, it says 'Designed for iPad'. A rating section shows '★★★★★ 2.8 • 62 Ratings'. The word 'Free' is listed below the price. At the bottom is a blue button with the text 'View in Mac App Store ↗'.

インストールされましたか？

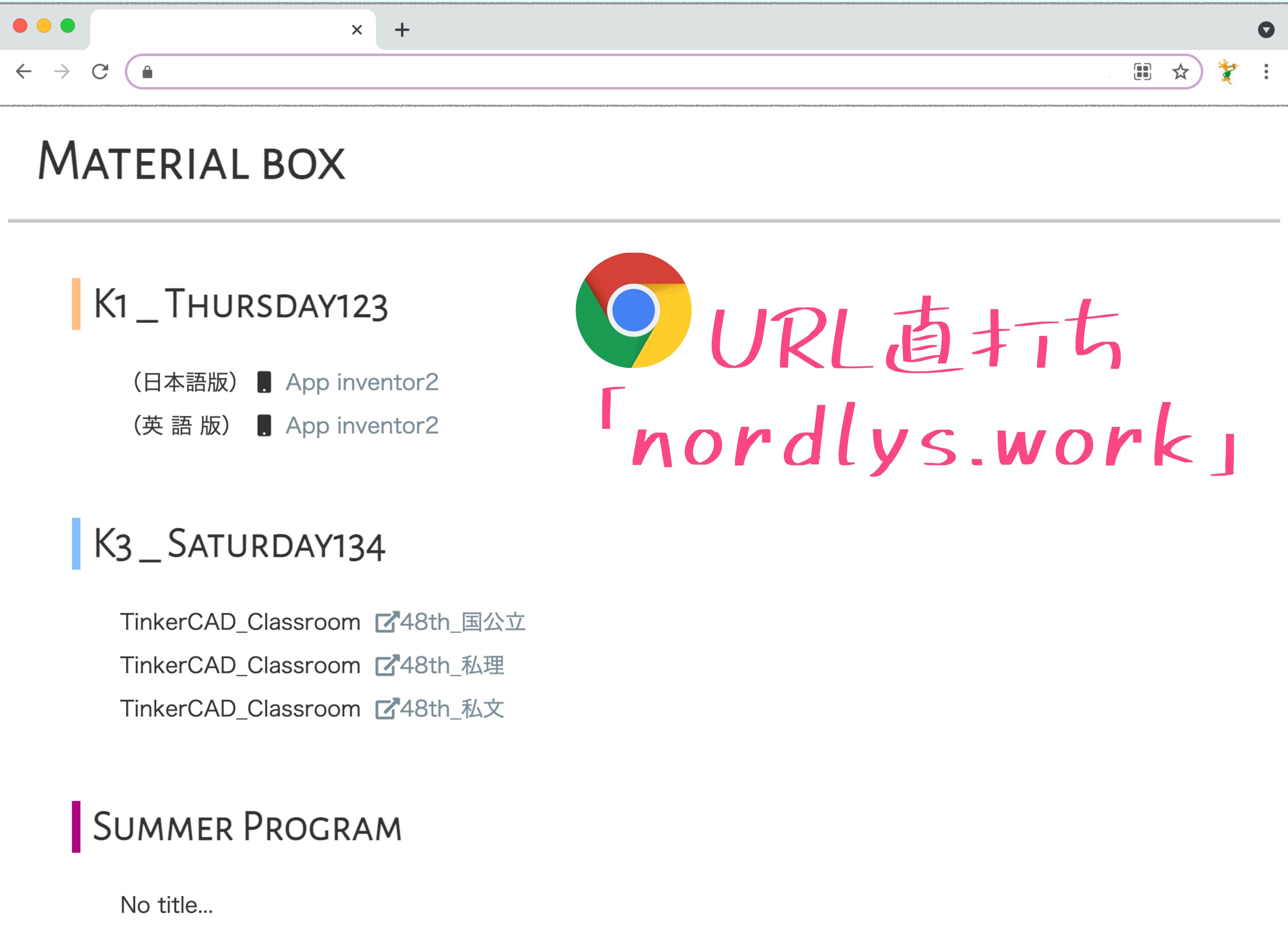
本時の課題

- ボタン
- レイアウト - Boxの概念
- WebViewer



本時の課題

- 授業終わりにロイ口で課題を提出
- 正常な動作ができている様子を画面収録
その動画(10秒程度)を提出

A screenshot of a Material Box interface on a Mac OS X desktop. The window title is 'MATERIAL BOX'. The content area is divided into three main sections: 'K1_THURSDAY123' (orange bar), 'K3_SATURDAY134' (blue bar), and 'SUMMER PROGRAM' (purple bar).
Section 'K1_THURSDAY123':
- Title: K1_THURSDAY123
- Subtitle: (日本語版) App inventor2
- Subtitle: (英語版) App inventor2
Section 'K3_SATURDAY134':
- Subtitle: TinkerCAD_Classroom ↗48th_国公立
- Subtitle: TinkerCAD_Classroom ↗48th_私理
- Subtitle: TinkerCAD_Classroom ↗48th_私文
Section 'SUMMER PROGRAM':
- Subtitle: No title...

ログイン - Google アカウント

日本語

プロジェクト接続ビルドSettingsヘルプ私のプロジェクトView Trashガイド日本語化フィードバック日本語yuuto.komori@siz-seiko.ac.jp

プロジェクトを新規作成 プロジェクトを削除 View Trash

私のプロジェクト

プロジェクト名	作成日	変更日▼
aaa	2021/06/20 21:23:39	2021/06/23 1:57:10

Start new Project

Palette

Search Components...

User Interface

Button

CheckBox

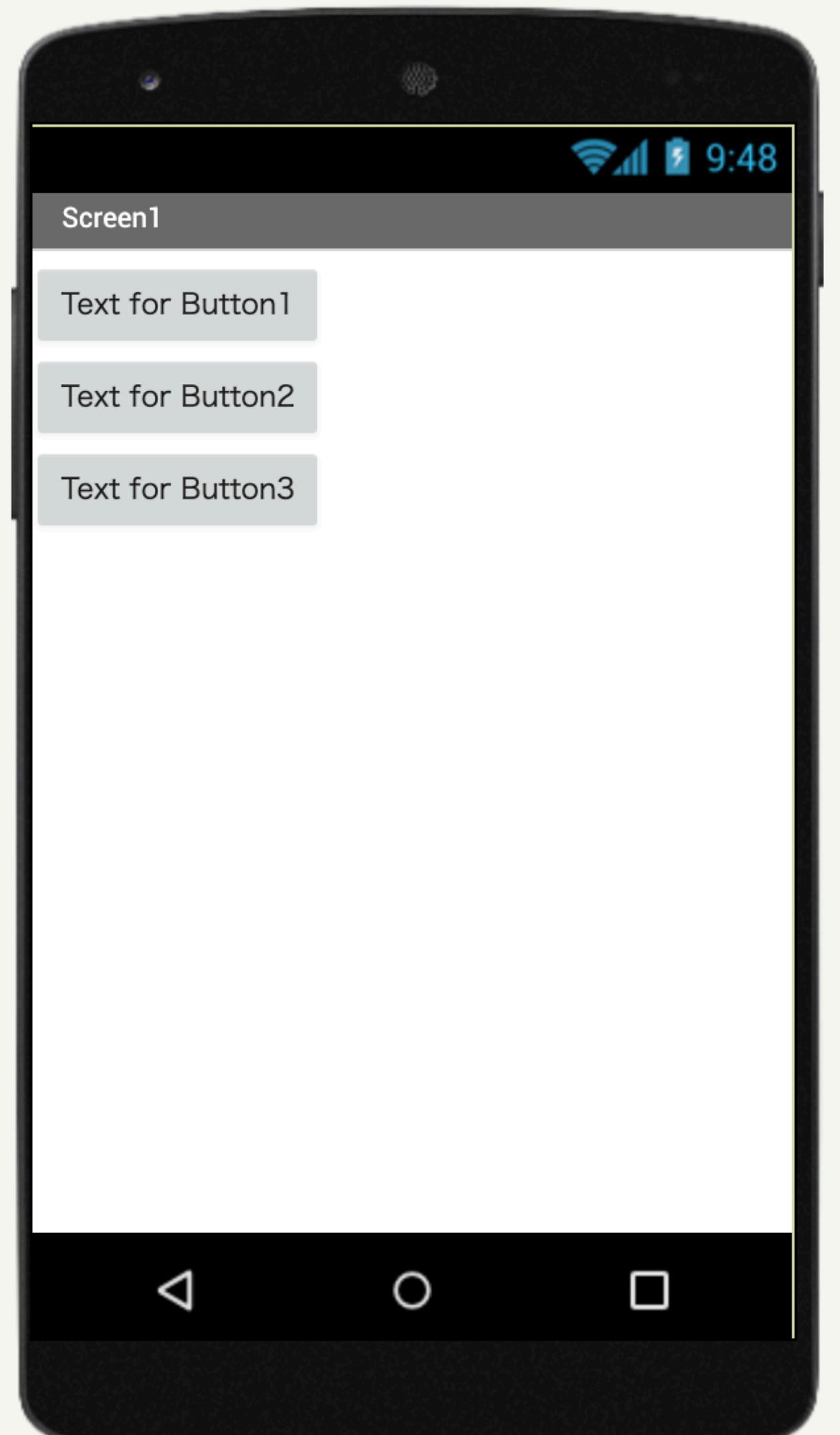
DatePicker

ボタンを3つ追加

Viewer

 Display hidden components in Viewer

Phone size (505,320) ▾



Components

Screen1

Button1

Button2

Button3

Rename

Delete

Media

Upload File ...

Properties

Screen1

AboutScreen

AccentColor

Default

AlignHorizontal

Left : 1 ▾

AlignVertical

Top : 1 ▾

AppName

sample_0629

BackgroundColor

Default

BackgroundImage

None...

BlocksToolkit

All ▾

CloseScreenAnimation

Default ▾

Icon

None...

OpenScreenAnimation

Default ▾

PrimaryColor

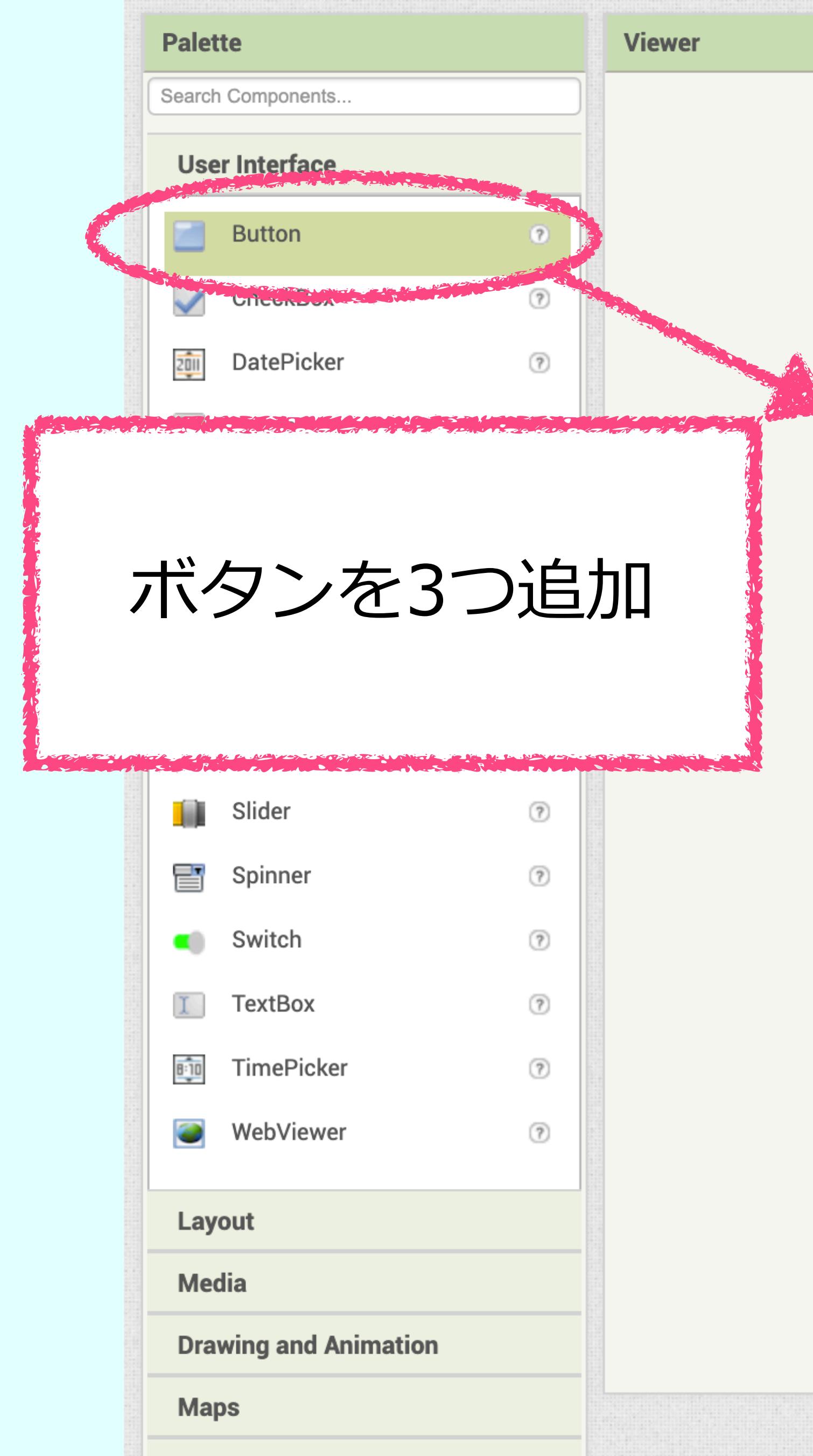
Default

PrimaryColorDark

Default

ScreenOrientation

Unspecified ▾



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

Viewer

Display hidden components in Viewer

Phone size (505,320) ▾

Screen1

Text for Button1

Text for Button2

Text for Button3

Components

- Screen1
 - Button1
 - Button2
 - Button3

Rename Delete

Media

Upload File ...

Properties

Screen1

AboutScreen

AccentColor
Default

AlignHorizontal
Left : 1 ▾

AlignVertical
Top : 1 ▾

AppName
sample_0629

BackgroundColor
Default

BackgroundImage
None...

BlocksToolkit
All ▾

CloseScreenAnimation
Default ▾

Icon
None...

OpenScreenAnimation
Default ▾

PrimaryColor
Default

PrimaryColorDark
Default

ScreenOrientation
Unspecified ▾

Palette

Search Components...

User Interface

Layout

- HorizontalArrangement
- HorizontalScrollArrangement
- TableArrangement
- VerticalArrangement
- VerticalScrollViewArrangement

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Viewer

Display hidden components in Viewer

Phone size (505,320) ▾

Components

- Screen1
 - Button1
 - Button2
 - Button3
 - HorizontalArrangement1

Properties

HorizontalArrangement1

AlignHorizontal
Left : 1 ▾

AlignVertical
Top : 1 ▾

BackgroundColor
Default

Height
Automatic...

Width
Automatic...

Image
None...

Visible

Layout
「HorizontalArrangement」を追加

Palette

Search Components...

User Interface

Layout

- HorizontalArrangement
- HorizontalScrollView
- TableArrangement
- VerticalArrangement
- VerticalScrollView

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

LEGO® MINDSTORMS®

Experimental

Extension

Viewer

Display hidden components in Viewer

Phone size (505,320) ▾

Components

- Screen1
 - Button1
 - Button2
 - Button3
 - HorizontalArrangement1

Properties

HorizontalArrangement1

AlignHorizontal

Left : 1 ▾

AlignVertical

Top : 1 ▾

BackgroundColor

Default

Height

Automatic...

Width

Automatic...

Rename Delete

Media

Upload File ...

Buttonを
HorizontalArrangementへ
drag & drop

Privacy Policy and Terms of Use

Palette

Search Components...

User Interface

Layout

- HorizontalArrangement
- HorizontalScrollView
- TableArrangement
- VerticalArrangement
- VerticalScrollView

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

LEGO® MINDSTORMS®

Experimental

Extension

Viewer

Display hidden components in Viewer

Phone size (505,320) ▾

Screen1

Button1 Button2 Button3

Components

- Screen1
 - HorizontalArrangement1
 - Button1
 - Button2
 - Button3

Rename Delete

Media

Upload File ...

Properties

Screen1

AboutScreen

AccentColor
Default

AlignHorizontal
Left : 1 ▾

AlignVertical
Top : 1 ▾

AppName

Default ▾

Icon
None...

OpenScreenAnimation
Default ▾

PrimaryColor
Default

PrimaryColorDark
Default

ScreenOrientation
Unspecified ▾

Text area: Buttonをセンター寄せ

Palette

Search Components...

User Interface

Layout

Media

Drawing and Animation

Maps

Sensors

Social

- ContactPicker
- EmailPicker
- PhoneCall
- PhoneNumberPicker
- Sharing
- Texting
- Twitter

Storage

Connectivity

LEGO® MINDSTORMS®

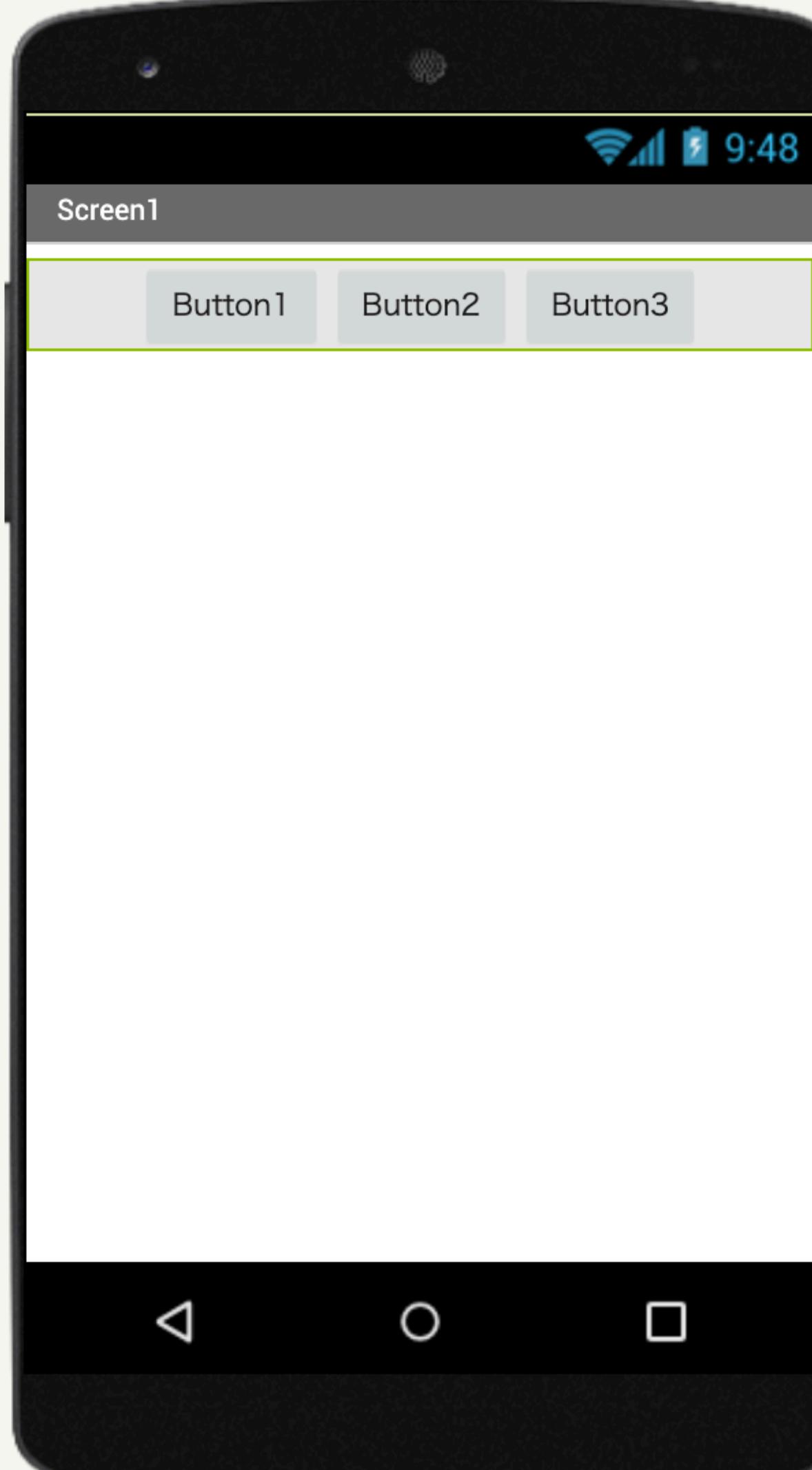
Experimental

Extension

Viewer

Display hidden components in Viewer

Phone size (505,320) ▾



Screen1

Button1 Button2 Button3

Components

- Screen1
 - HorizontalArrangement1
 - Button1
 - Button2
 - Button3
- Button2
- Button3

Properties

HorizontalArrangement1

- AlignHorizontal
 - Center : 3 ▾
- AlignVertical
 - Top : 1 ▾
- BackgroundColor
 - Default
- Height
 - Automatic...
- Width
 - Fill parent... ▾
- Image

Media

Upload File ...

Buttonをセンター寄せ

Palette

Search Components...

User Interface

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

WebViewer

Display hidden components in Viewer

Phone size (505,320) ▾

Screen1

Button1 Button2 Button3

WebViewer1

FollowLinks

Height

Width

Visible

Rename Delete

Media

Upload File ...

Components

Screen1

HorizontalArrangement1

Button1

Button2

Button3

WebViewer1

Properties

WebViewer1

FollowLinks

Height

Width

Visible

Media

Upload File ...

「WebViewer」の追加

The screenshot shows a mobile application builder interface with the following components:

- Palette:** A sidebar containing a list of UI components like Button, CheckBox, DatePicker, etc., with "WebViewer" highlighted.
- Viewer:** A preview window showing a smartphone screen with the title "Screen1" and three buttons labeled "Button1", "Button2", and "Button3". Below them is a green-bordered area containing a globe icon.
- Components:** A tree view showing the structure of the screen: "Screen1" contains "HorizontalArrangement1", which in turn contains "Button1", "Button2", "Button3", and "WebViewer1".
- Properties:** A panel on the right showing properties for "WebViewer1", including "FollowLinks" checked, "Height" set to "Automatic...", "Width" set to "Automatic...", and "Visible" checked.

A red circle highlights the "WebViewer" item in the Palette, and a red arrow points from it to the "WebViewer1" component in the Components tree. A large red box surrounds the "Properties" panel, and the text "「WebViewer」の追加" (Add WebViewer) is overlaid on it.

Blocks

Built-in

Control

Logic

Math

Text

Lists

Dictionaries

Colors

Variables

Procedures

Screen1

HorizontalArrangement1

Button1

Button2

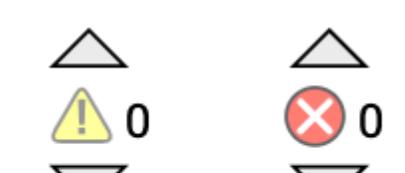
Button3

WebViewer1

Any component

RenameDelete

Media

Upload File ...Show Warnings

右上のボタンで
「Blocks」へ移動



Blocks

- ⊖ Built-in
 - Control
 - Logic
 - Math
 - Text
 - Lists
 - Dictionaries
 - Colors
 - Variables
 - Procedures

- ⊖ Screen1

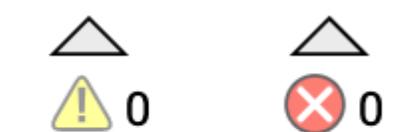
- ⊖ HorizontalArrangement1
 - Button1
 - Button2
 - Button3
- WebViewer1

Any component

[Rename](#) [Delete](#)

Media

[Upload File ...](#)



Show Warnings

Viewer

```
when Button1 .Click
do call WebViewer1 .GoToUrl
    url " https://www.google.com "
```



飛ばしたい
リンク先を入力

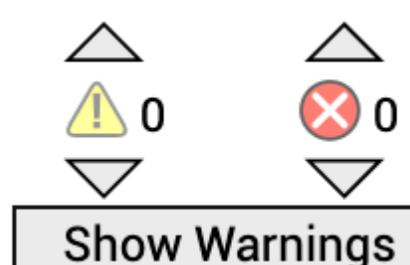


Blocks

- ⊕ Built-in
 - Control
 - Logic
 - Math
 - Text
 - Lists
 - Dictionaries
 - Colors
 - Variables
 - Procedures
- ⊕ Screen1
 - HorizontalArrangement1
 - Button1
 - Button2
 - Button3
 - WebViewer1
- ⊕ Any component

Rename Delete

Media

Upload File ...Show Warnings

Viewer

```
when Button1 .Click
do call WebViewer1 .GoByUrl
    url “ https://www.google.com/?&bih=789&biw=1440&rlz=1C… ”  
  
when Button2 .Click
do call WebViewer1 .GoByUrl
    url “ https://www.yahoo.co.jp/ ”  
  
when Button3 .Click
do call WebViewer1 .GoByUrl
    url “ https://www.google.co.jp/maps/?hl=ja ”
```



同様に3つ用意して
完成！



本時の課題

- ロイロで課題を提出
- 正常な動作ができている様子を画面収録
その動画(10秒程度)を提出