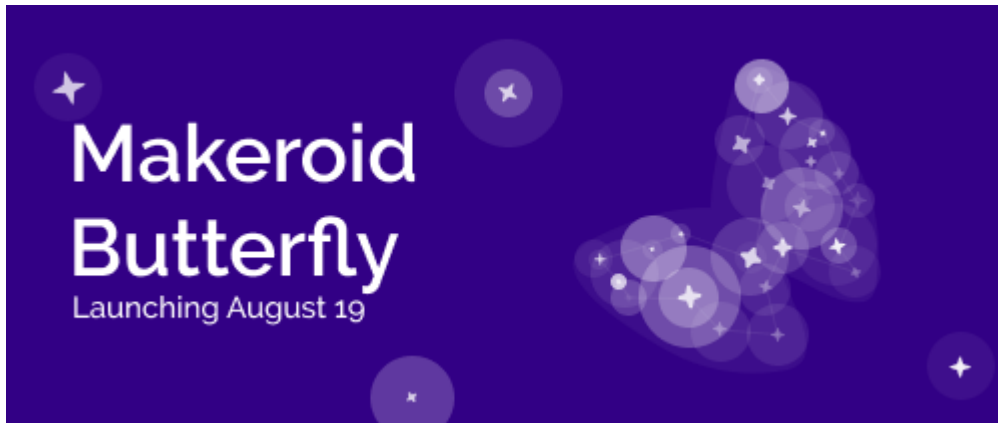


Kodular Butterfly



1.1 Butterfly | 19 August 2018

Major Changes

- Improved **Dialog** of *Fingerprint Component*
- Now *About Screen* (and all dialogs) can have **clickable links** The "major changes" of this update are the bunch of new components

Companion

- Added a **Welcome Guide** using the new *Spotlight Component*
- Little **bugs fixed** on *Companion behaviour*

UI Changes

- *Dialogs* can now be **Accepted** pressing the `Enter` key
- Added **Download Link** when *Exporting APK using QR Code*

Bugs Fixed

- **User Interface**

- Textbox: *Background color was not working properly*
- ListView: [TextView.java line 8448 · Issue #89 · Kodular/BugsTracker · GitHub](#)
- Notifier: [Notifier - bug · Issue #37 · Kodular/BugsTracker · GitHub](#)

- **Layout**

- Surface View: *Little bug which was freezing the screen*

- **Media**

- Audio Picker: *Not working on some devices*
- Image Picker: *Minor Try/Catch Bug*
- OCR: *API Error (component was not working since some changes on the server)*

- **Drawing and Animation**

- Canvas: [Canvas bug · Issue #78 · Kodular/BugsTracker · GitHub](#)

- **Sensors**

- Sound Sensor: [PrimProcedure.java line 285 · Issue #26 · Kodular/BugsTracker · GitHub](#)

- **Storage**

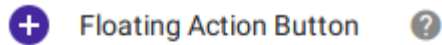
- Firebase: [FirebaseDB.java line 509 · Issue #79 · Kodular/BugsTracker · GitHub](#)

- **Connectivity**

- Download: [Download.java line 317 · Issue #40 · Kodular/BugsTracker · GitHub](#)
- Network: [Network component · Issue #114 · Kodular/BugsTracker · GitHub](#)

New Components

- Added new **Floating Action Button** component to *User interface* category



Floating action buttons are used for a special type of promoted action.

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

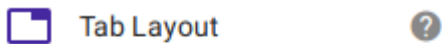
- This is a complete new component *Projects using the old FAB won't be broken. However, if you want to use this new FAB, you will need to delete the old one and use the new one*
- Added new **Spotlight** component to *User interface* category



Component to show a spotlight on specified component

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

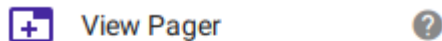
- Added new **Tab Layout** component to *User interface* category



A swipeable visible component where you can add tabs.

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

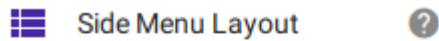
- Now the Tabs blocks of Screen are *Deprecated*
- Added new **View Pager** component to *User interface* category



A swipeable visible component where you can view pages.

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

- Added new **SideMenu Layout** component to *Layout* category



Display a real Navigation Menu in the Side Menu

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

- This component is an alternative way to generate a SideMenu You *should use it if you want a simple way to create a SideMenu. However, if you want a complex and designed from scratch SideMenu, you can still use the old block*

- Added new **SwipeRefresh Layout** component to *Layout* category



The Swipe Refresh Layout should be used whenever the user can refresh the contents of a view via a vertical swipe gesture.

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

- Added new **YouTube Player** component to *Media* category



A visible component to play youtube videos. This component needs min api 17 (Android 4.2).

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

- Added new **Animation Utilities** component *Drawing and Animation* category



A non visible component util to create few animation types for any component.

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

- Added new **Cloudinary** component to *Storage* category



Cloudinary



Non-visible component that allows you to upload images, videos, audios and any other file types to Cloudinary.

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

- Added new **Spreadsheet** component to *Storage* category



Spreadsheet



Non-visible component that provides access to the [Airtable](#) spreadsheet storage

Thanks to [Jerin Jacob](#)

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

- Powered by [Airtable](#) Thanks to [@Jerin_Jacob](#)

- Added new **Arduino** component to *Connectivity* category



Arduino



A non visible component that allows you connections via the USB Serial to Arduino devices.

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

- Added new **FTP** component to *Connectivity* category



FTP



A non visible component that allows you to upload/ download files via FTP.

[Learn more at docs.makeroid.io](https://docs.makeroid.io)

- Added new **WhiteMobi** component to *Monetization* category



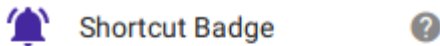
The WhiteMobi component allows you to show WhiteMobi offerwalls in your app. Get an API key at <http://whitemobi.com/>
[Learn more at docs.makeroid.io](http://docs.makeroid.io)

- Added new **Chrome Custom Tabs** component to *Experimental* category



Component to add Chrome Custom Tabs
[Learn more at docs.makeroid.io](http://docs.makeroid.io)

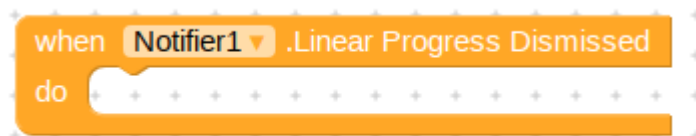
- Added new **Shortcut Badge** component to *Experimental* category



Component to add a notification badge count to the launcher icon
[Learn more at docs.makeroid.io](http://docs.makeroid.io)

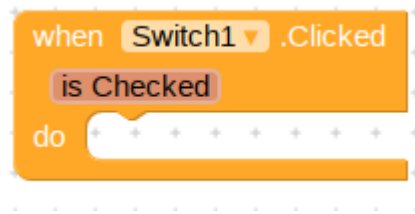
New Events

- **Notifier** component
 - **Linear Progress Dismissed** : triggered when the *Linear Progress* is dismissed by the user



- **Switch** component

-



Clicked : added *is Checked* variable

- **Exoplayer** component

- **Other Player Started** : triggered when *another player* starts playing



sound

- **Other Player Stopped** : triggered when *another player* stops playing

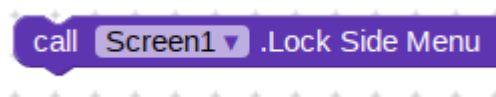


sound

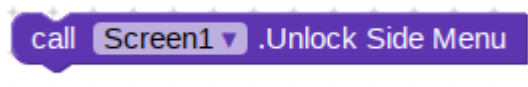
New Functions

- **Screen**

- **Lock Side Menu** : blocks the SideMenu from being opened or closed

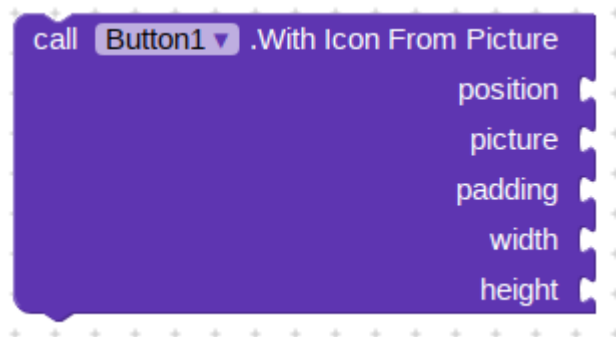
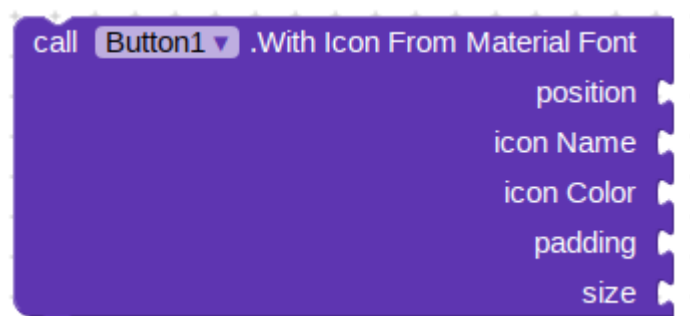
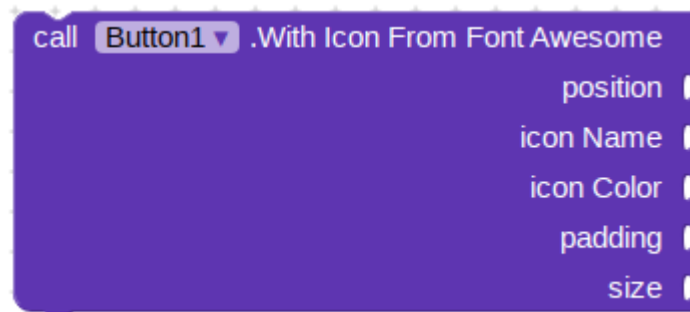


- **Unlock Side Menu** : unblocks the SideMenu



- **Button** component

- **With Icon** : adds an icon to the *Button*



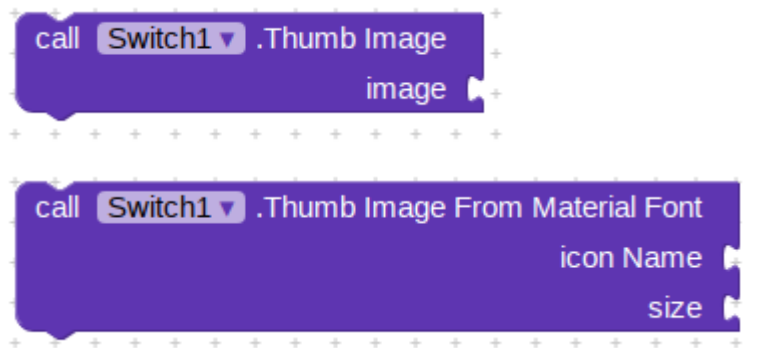
- **Notifier** component

- **Dismiss Custom Dialog** : dismisses the created *Custom Dialog*



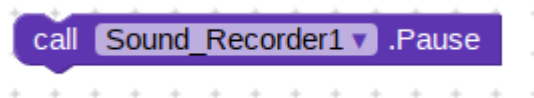
- **Switch** component

- **Thumb Image** : changes the *Image* of the Switch



- **Sound Recorder** component

- **Pause** : pauses the *started recording* ⚠ *Requires Minimum SDK 24*



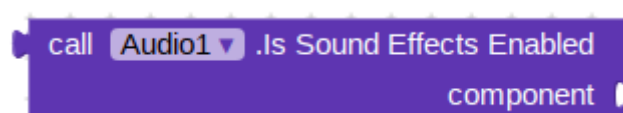
- **Audio** component

- **Sound Effects Enabled** : enables or disables the *sound* on a



component

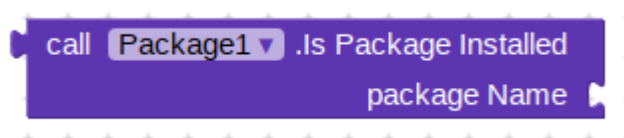
- **Is Sound Effects Enabled** : returns *true* if the sound of a component



is enabled

- **Package** component

- **Is Package Installed** : returns *true* if the package is installed



New Properties

- **Screen**

- **Min SDK** (*added SDK 28 - Android 9*)

Min SDK
Android 9.0 (API 28) ▼

-

Title Bar Font Typeface

Title Bar Font Typeface
Default ▼

-

Title Bar Typeface Import

Title Bar Typeface Import (.ttf)
None...

- **Textbox** component

-

Enable Copy & Paste

Enable Copy & Paste

- **Snackbar** component

-

Background Color

Background Color
● Default

- **Textbox** component

-

Cursor Visible

Cursor Visible

1.1.1 Butterfly | 23 August 2018

UI Changes

- Fixed **Ads Position** after *Build Error*
- Switched "**Show Navigation Bar**" to *Experimental Properties*

Improvements

- Performance on **App Loading**
- When receiving a **PushNotification** when app is open, a **Dialog** with the notification appears

New Features

- Added "**Background Color**" property for *Side Menu Layout* component
- Added "**Show Tabs**" property for *View Pager* component
- Added "**Get Icon**" properties for *Floating Action Button* component

Bugs Fixed

- **Push Notifications** on Android 8 Oreo (were not working)
- **Open Side Menu** from *Hamburguer Icon* (was not opening)
- **Screen Title Visible** if Screen is *Scrollable* (was not working properly)
- **Spreadsheet** if request had more than 100 rows (was returning error)
- **Security Issue** on *Login Page*
(critical bug could cause system failure)
- **Internal Error** when using an *AdBlocker* (Ode did not process properly)
- **Dim Amount** on *Notifier* (was missing a default value)
- **Date Picker** not properly upgraded (projects could be broken)
- **Time Picker** not properly upgraded (projects could be broken)
- **Consent Dialog** not properly executed (sometimes was not showing)
- **View Pager** visibility *Shadow Bug* (was not rendering properly)
- **Orientation Change** Bug on *Tab Layout* (was broking screen)
- **Orientation Change** Bug on *View Pager* (was broking screen)
- **Fixed Mode** in Screen was broken (app design was broken)
- **Some Links** to Documentation in Blocks (were pointing to wrong path)

- **Other Minor Bugs**
- [Update AcitivityStarter for file permissions · mit-cml/appinventor-sources@f6f05ca · GitHub](#)
- [Sound.java line 277 · Issue #462 · Kodular/BugsTracker · GitHub](#)
- [ViewGroup.java line 4404 · Issue #511 · Kodular/BugsTracker · GitHub](#)

1.1.2 Butterfly | 15 September 2018

UI Changes

- Fixed **Taiwan Flag** on *Language Picker*
- Fixed link to **Release Notes** in Splash Screen
- Re-Added **Import / Export Screen** (.ais) files
- Added context menu items to **Enable / Disable All Blocks**

Improvements

- Removed **TitleBar Tabs Blocks**
- Fixed **handling** **Enter** key on *Dialogs*
- **Side Menu Layout** and **Side Menu block** are now **compatible with Companion**
It will no longer crash
- Changed **Text of Button** from CANCEL to **OK** in *About this application* Dialog

New Features

- Re-Added **High Quality Images** property for *Screen1*
- Added missing **Is Companion** return property for *Screen*
- Added missing **Is Side Menu Added** return property for *Screen*
- Added missing **Visible** property for *Tab Layout* component
- Added missing **Visible** property for *View Pager* component
- Added missing **Align** properties for *Card View* component

- Added missing **Align** properties for *Surface View* component
- Added missing **Open System Write Settings** function for *Screen*
- Added missing **Are System Write Settings Granted** function for *Screen*
- Added missing **Selection** variable in event *After Picking* for all *Pickers*

Bugs Fixed

- **Several Errors** on *Companion* (some properties were not properly rendered)
- **TitleBar Back Button** was not working (it didn't handle user actions)
- **Leadbolt** component was broken (it was not showing ads)
- **Are Permissions Granted** block was not working properly (sometimes it was returning false even when granted)
- **Screen Title** was visible after rotation (Screen was generated again after changing orientation)
- **Screenshot** component was crashing in some devices (wrong procedures were called)
- **Notifier** component was throwing some *NullPointerExceptions* (missing try/catch code)
- **ListView** scrolling speed (it was too slow)
- **Notification** component was not working (it was broken) *Make sure you remove all OLD components. We have developed a new one, so you will need to add it again to your projects, as the one you are using is deprecated*
- **AirTable** component with *Offset* (+100 values were not returned)
- **None Color** with *Is Card* property in *Arrangement* (Is Card was not active with that)
- **Got Text** Event of *Web Component* (Out of Memory Exception was raised)
- **Tab Layout** issue on selection (Null Pointer Exception thrown sometimes)

- **Is Card** property in Arrangements (**Fill Parent was not working**) *Is card" property sizing BUG*
- **SwipeRefreshLayout** with Scrollable Arrangements (**it was conflicting**) *Can't Scroll Vertical Scroll Arrangement Up in Swipe Refresh Layout*
- **TitleBar Icon Selected** return values (**was returning image name**) *Error in Title Bar Back Button & Title Bar Icon Selected*
- **Firebase** with wrong URL (**it was crashing apps**) *Utilities.java line 39 · Issue #282 · Kodular/BugsTracker · GitHub*
- **ExoPlayer** sending Null Error Message *Log.java · Issue #594 · Kodular/BugsTracker · GitHub*
- **Notifier** component (**was throwing some errors**) *TextView.java line 672 · Issue #717 · Kodular/BugsTracker · GitHub*
- **Wallpaper** component (**it was missing a permission**) *Missing wallpaper permission · Issue #723 · Kodular/BugsTracker · GitHub*
- **Notifier** component (**Set Dialog Helper was not being triggered**) *Notifier.java line 1179 · Issue #966 · Kodular/BugsTracker · GitHub*
- **FillParent** property with Scrollable parameter (**it was not working**) *Fill Parent does not work in Scrollable on Android 7+ with target SDK 26 · Issue #1344 · mit-cml/appinventor-sources · GitHub*
- **Got Value** event of Firebase (**it was not working as it should**) *register.yail line 10098 · Issue #1174 · Kodular/BugsTracker · GitHub*
- **Internal Error Reporting** was crashing sometimes in apps (**NullPointerException**) *Formatter.java line 2522 · Issue #28 · Kodular/BugsTracker · GitHub*
- **500 Internal Error** on URLs (**accessing to /b**) *Fix a 500 Error · mit-cml/appinventor-sources@49c25e7 · GitHub*

1.1.3 Butterfly | 04 October 2018

Improvements

- Added **Subscribe to Notifications** button in *Builder*

Companion

- Fixed **PushNotifications** on *Companion*
- **SideMenu** and **SideMenuLayout** are now *fully compatible* in *Companion*

New Features

- Added missing **HTML Format** property for *List View* component [Disable Html in Listview](#)
- Added missing **Statusbar Visible** property for *List Picker* component
- Added missing **CreateDirectory** function for *File* component
- Added missing **DirectoryCreated** event for *File* component

Bugs Fixed

- **Notifier** component returning a strange error (Fatal Exception: android.view.WindowManager\$BadTokenException: Unable to add window -- token android.os.BinderProxy@20a73ee is not valid; is your activity running?)
- **GetPackagelcon** uses now PackageName as File Name (before it was appIconMAK.png)
- **Spotlight** component was not working with FAB (it was incompatible)
- **ChromeCustomTabs** were throwing NullPointerExceptions (missing try/catch block)
- **ImageTintColor** was missing a description (it had a copy-pasted one)
- **ImageTintColor** was crashing sometimes (NPE were raised due to missing try/catch code)
- **AirTable** component had a security issue (it was exposing API key in logs)
- **Button** crashing when editing multiple at once (Concurrent Modification Exception)
- **CloudDB** was not working properly (StringIndexOutOfBoundsException)

- **PushNotifications** were missing some permissions (`manifest was incomplete`)
- **Typo** on Sprite component (`missign T`)
- **Typo** on YouTube component (`stage has to be state`)
- **ActivityStarter** was not opening PDFs (`missing permission`) [Getting error while accessing pdf from directory. Kindly help](#)
- **Transparency Bug** on *Button* (`it was returning an opaque button`)
[Transparency not working with default shape button](#)
- **Download** component was not working sometimes (`it was crashing`)
[Download.java line 299 · Issue #1522 · Kodular/BugsTracker · GitHub](#)
- **Clock** component throwing NPE (`app was unresponsive`) [HashMap.java line 471 · Issue #1525 · Kodular/BugsTracker · GitHub](#)
- **FTP** component crashing (`returning NPE`) [KodularFtp.java line 233 · Issue #992 · Kodular/BugsTracker · GitHub](#)
- **YouTube** component causing NPE (`wrong variable reporting error`)
[ActivityThread.java line 3133 · Issue #1737 · Kodular/BugsTracker · GitHub](#)
- **VideoPlayer** component causing NPE (`missing if check`) [VideoView.java line 260 · Issue #1736 · Kodular/BugsTracker · GitHub](#)
- **FusionTables** component causing the same issue as Notifier (`is your activity running?`) [WindowManagerGlobal.java line 552 · Issue #1694 · Kodular/BugsTracker · GitHub](#)

1.1.4 Butterfly | 05 October 2018

Bugs Fixed

- **ListView** component causing a critical error (`Null Pointer Exception`)

Last update: January 26, 2020