

```

#Region Project Attributes
    #ApplicationLabel: B4A Sample
    #VersionCode: 1
    #VersionName:
    'SupportedOrientations possible values: unspecified, landscape or portrait.
    #SupportedOrientations: unspecified
    #CanInstallToExternalStorage: False

    #AdditionalJar: com.google.firebase:firebase-core
    #BridgeLogger: True

```

```

#End Region

```

```

#Region Activity Attributes
    #FullScreen: False
    #IncludeTitle: True

```

```

#End Region

```

Sub Process_Globals

```

    'These global variables will be declared once when the application starts.
    'These variables can be accessed from all modules.

```

```

End Sub

```

Sub Globals

```

    Dim cfg1 As RemoteConfig

```

```

End Sub

```

Sub Activity_Create(FirstTime As Boolean)

```

    'Do not forget to load the layout file created with the visual designer. For example:
    Activity.LoadLayout("Main")

```

```

    cfg1.Initialize("Config")
    cfg1.Defaults(CreateMap("Month": 1, "loading_phrase": "Hallo world!"))
    Log("loading_phrase=" & cfg1.GetValue("loading_phrase"))
    Log("Fetching")
    cfg1.fetch(86400)

```

```

End Sub

```

Sub Activity_Resume

```

End Sub

```

Sub Activity_Pause (UserClosed As Boolean)

```

End Sub

```

Sub Config_onFetchComplete(success As Boolean)

```

    Log($"Config_onFetchComplete({success})")

```

```

    If success Then
        Log("Activate fetched values")
        cfg1.activateFetched
    End If

```

```
        Log("loading_phrase"&cfg1.getString("loading_phrase"))
    End If
End Sub
```

'This code will be applied to the manifest file during compilation.

'You do not need to modify it in most cases.

'See this link for for more information: <http://www.b4x.com/forum/showthread.php?p=78136>

```
AddManifestText(
<uses-sdk android:minSdkVersion="5" android:targetSdkVersion="23"/>
<supports-screens android:largeScreens="true"
    android:normalScreens="true"
    android:smallScreens="true"
    android:anyDensity="true"/>)
SetApplicationAttribute(android:icon, "@drawable/icon")
SetApplicationAttribute(android:label, "$LABEL$")
'End of default text.
```

***** Google Play Services Base *****

```
AddApplicationText(
    <activity android:name="com.google.android.gms.common.api.GoogleApiActivity"
        android:theme="@android:style/Theme.Translucent.NoTitleBar"
        android:exported="false"/>
        <meta-data
            android:name="com.google.android.gms.version"
            android:value="@integer/google_play_services_version" />
    )
***** Google Play Services Base (end) *****
```

***** Firebase Base *****

```
CreateResourceFromFile("google-services", "google-services.json")
AddPermission(android.permission.ACCESS_NETWORK_STATE)
AddPermission(android.permission.INTERNET)
AddPermission(android.permission.WAKE_LOCK)
AddPermission(com.google.android.c2dm.permission.RECEIVE)
AddPermission(${applicationId}.permission.C2D_MESSAGE)
AddManifestText( <permission
    android:name="${applicationId}.permission.C2D_MESSAGE"
    android:protectionLevel="signature" />)
AddApplicationText(
<receiver
    android:name="com.google.android.gms.measurement.AppMeasurementReceiver"
    android:enabled="true">
    <intent-filter>
    <action android:name="com.google.android.gms.measurement.UPLOAD"/>
    </intent-filter>
</receiver>

<service
    android:name="com.google.android.gms.measurement.AppMeasurementService"
```

```

    android:enabled="true"
    android:exported="false"/>
    <provider
    android:authorities="${applicationId}.firebaseinitprovider"
    android:name="com.google.firebase.provider.FirebaseInitProvider"
    android:exported="false"
    android:initOrder="100" />
    <receiver
    android:name="com.google.android.gms.measurement.AppMeasurementReceiver"
    android:enabled="true">
    <intent-filter>
    <action android:name="com.google.android.gms.measurement.UPLOAD"/>
    </intent-filter>
    </receiver>

    <service
    android:name="com.google.android.gms.measurement.AppMeasurementService"
    android:enabled="true"
    android:exported="false"/>
    <receiver
    android:name="com.google.firebase.iid.FirebaseInstanceIdReceiver"
    android:exported="true"
    android:permission="com.google.android.c2dm.permission.SEND" >
    <intent-filter>
    <action android:name="com.google.android.c2dm.intent.RECEIVE" />
    <action android:name="com.google.android.c2dm.intent.REGISTRATION" />
    <category android:name="${applicationId}" />
    </intent-filter>
    </receiver>
    <receiver
    android:name="com.google.firebase.iid.FirebaseInstanceIdInternalReceiver"
    android:exported="false" />

    <service
    android:name="com.google.firebase.iid.FirebaseInstanceIdService"
    android:exported="true">
    <intent-filter android:priority="-500">
    <action android:name="com.google.firebase.INSTANCE_ID_EVENT" />
    </intent-filter>
    </service>
)
***** Firebase Base (end) *****

```

Logcat

Logger connected to: samsung GT-P5110
 ----- beginning of /dev/log/system

```
----- beginning of /dev/log/main
** Activity (main) Pause, UserClosed = false **
** Activity (main) Resume **
Installing file.
** Activity (main) Pause, UserClosed = false **
PackageAdded: package:b4a.sample
** Service (starter) Create **
** Service (starter) Start **
** Activity (main) Create, isFirst = true **
loading_phrase=Hallo world!
Fetching
** Activity (main) Resume **
Fetch Succeeded
lib:Raising.. config_onfetchcomplete()
Config_onFetchComplete(true)
Activate fetched values
loading_phrase=Hallo world!
```