

OTB

Introduction

The OrangeTrustBadge Component can be used to present Legal Information, privacy policy, terms of use or any other information about an application.

The OrangeTrustBadge Component is compatible with Android 10 to 23 and is build for phones and tablet in portrait or landscape mode.

The OrangeTrustBadge Component provides a GUI to display informations regarding major system permissions and host app features.

Usage

- To run the example project, clone the repo, import it in Android Studio (versions above v1.0).
- To use the component in your own project, add the lib .aar to to your project.

Customized colors

User should define its own color named colorAccent to change default color for links, toggle and text as follows in a color resource file. The header background color can also be redefined

Color to define (red exemple)

```
<color name="colorAccent">#AA0000</color>
<color name="otb_header_color">#00DD00</color>
```

Customized logo

The header logo can be redefined by defining your own image. You should provide a drawable named header_logo Please be aware that an incorrect image can lead to malformed header page

Image logo (surcharging default drawable, file header_logo.xml)

```
<selector xmlns:android="http://schemas.android.com/apk/res/android">
    <item android:drawable="@drawable/otb_illustration_bleu"/>
</selector>
```

Customized icons and labels

User should define its own labels and icon for the different badges, but default values are available to provide a decent app. Please be aware that string resources are localized, so overriding french values should be done in **values-fr** resource directory.

Configure the component and add in your project

To configure the component follow these steps

1. Create a list of TrustBadgeElement and a list of Term. TrustBadgeElements can be easily created using the helper class TrustBadgeElementFactory, which provide convenient methods to create a badge

Create necessary elements (example)

```
List<TrustBadgeElement> trustBadgeElements = new ArrayList<TrustBadgeElement>();
/** MANDATORY : MAIN BADGE */
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext, GroupType.IDENTITY,
ElementType.MAIN, AppUsesPermission.TRUE));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext, GroupType.LOCATION,
ElementType.MAIN));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext, GroupType.STORAGE,
ElementType.MAIN));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext, GroupType.CONTACTS,
ElementType.MAIN));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext,
GroupType.IMPROVEMENT_PROGRAM, ElementType.MAIN, AppUsesPermission.TRUE));

/** NOT MANDATORY : OTHERS BADGES */
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext, GroupType.CAMERA,
ElementType.OTHERS));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext, GroupType.AGENDA,
ElementType.OTHERS));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext, GroupType.SMS,
ElementType.OTHERS));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext,
GroupType.MICROPHONE, ElementType.OTHERS));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext, GroupType.PHONE,
ElementType.OTHERS));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext, GroupType.SENSORS,
ElementType.OTHERS));

/** MANDATORY : USAGE BADGES */
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext,
RatingType.TWELVE));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext, GroupType.BILLING,
ElementType.USAGE));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext, GroupType.ADVERTISE,
ElementType.USAGE));
trustBadgeElements.add(TrustBadgeElementFactory.build(mContext,
GroupType.SOCIAL_INFO, ElementType.USAGE));

/** Terms */
List<Term> terms = new ArrayList<Term>();
//Provide your own terms if you want terms to be exposed
terms.add(new Term(TermType.VIDEO, R.string.otb_terms_video_title,
R.string.otb_terms_video_content));
terms.add(new Term(TermType.TEXT, R.string.otb_terms_usage_title,
R.string.otb_terms_usage_content));
terms.add(new Term(TermType.TEXT, R.string.otb_terms_help_title,
R.string.otb_terms_help_content));
```

```
terms.add(new Term(TermType.TEXT, R.string.otb_terms_more_info_title,
R.string.otb_terms_more_info_content));
```

1. Initialize TrustBadgeManager singleton with Mandatory items : a list of TrustBadgeElement and a list of Terms.

Initialise

```
TrustBadgeManager.INSTANCE.initialize(getApplicationContext(), trustBadgeElements,
terms);
```

1. Optionally provide a listener to listen to badges with toggles

Badge listener

```
TrustBadgeManager.INSTANCE.addTrustBadgeElementListener(new
TrustBadgeElementListener() {
    @Override
    public void onBadgeChange(GroupType groupType, boolean value, AppCompatActivity
callingActivity) {
        //Do your own work : example, what to do if badge improvement program
change
    }
});
```

1. Optionally set a value defining if your app currently uses improvement program badge (default true, if value not provided)

Improvement program

```
TrustBadgeManager.INSTANCE.setUsingImprovementProgram(improvement);
```

1. Launch the main activity named OtbActivity to access to the TrustBadge component main UI.

Launch activity

```
Intent intent = new Intent(MainActivity.this, OtbActivity.class);
this.startActivity(intent);
```

Release note

Version 1.0

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