



# Bookmark Folder Customization Guide

Customization Guide

Customer Support

MT6000

Doc No: CS6000-L1A-CGD-V1.0EN

Version: V1.0

Release date: 2016-08-29

Classification: internal

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Keywords  
Customization Guide

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Document Revision History

Revision	Date	Author	Description
V1.0	2011-04-10	Peiyan Song	Initial Release
V2.0	2016-12-08	Shan Zhang	Browser function update

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# 1 Introduction

## 1.1 Purpose

Bookmark folder function is an enhancement of default bookmarks function in browser. You can create folder and subfolder in bookmarks. Make categories of bookmark clear by folder. If there are lots of bookmarks, user can categorize them by folder. Bookmark will be found easily. Be able to create new folder in subfolder. Creating new folder in any subfolder, which help user to categorize their bookmark conveniently, and bookmark folder function will be more flexible.

All customization code used in this document is in Browser app. And the code path is :

`vendor/mediatek/proprietary/packages/apps/Browser/`

## 1.2 Scope

The document provide the programming details of the boomark folder.

## 1.3 Who Should Read This Document

This document is primarily intended for:

- Engineers with technical knowledge of the browser
- Customers who want to customize the default bookmark folder name and add more bookmark folder

## 1.4 How to Use This Manual

This segment explains how information is distributed in this document, and presents some cues and examples to simplify finding and understanding information in this document. **Error! Reference source not found.** presents an overview of the chapters and appendices in this document.

**Table 1-1. Chapter Overview**

#	Chapter	Contents
1	Introduction	Describes the scope and layout of this document.



1.4.1 Terms and Conventions

This document uses special terms and typographical conventions to help you easily identify various information types in this document. These cues are designed to simply finding and understanding the information this document contains.

Table 1-2. Conventions

Convention	Usage	Example
[1]	Serial number of a document in the order of appearance in the References topic	Look up Chapter 2: System Architecture in [1]
void xx(zz)	Source code	static int __stdcall cb_download_loader_init(void *usr_arg){}
⚡	Important	



## 2 Customization items list

---

Customization items list is as follows:

1. Account
2. Bookmark folder category
3. Add Bookmark Folder



### 3 Abbreviations

Please note the abbreviations and their explanations provided in **Error! Reference source not found..** They are used in many fundamental definitions and explanations in this document and are specific to the information that this document contains.

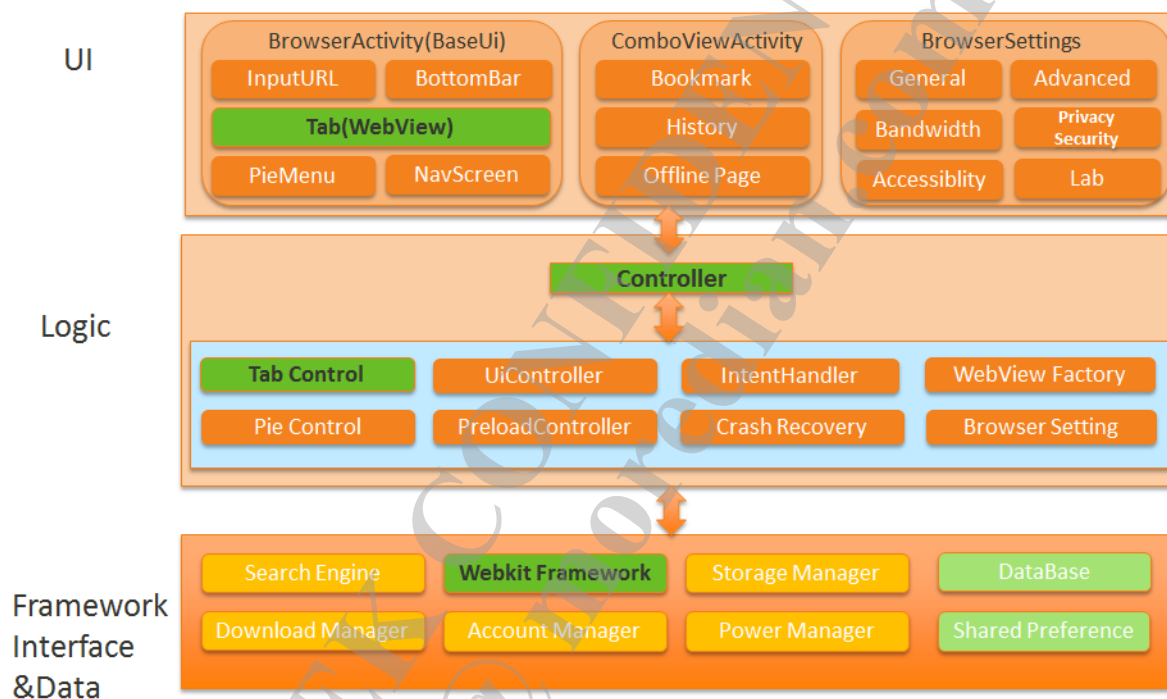
Table 3-1. Abbreviations

Abbreviations	Explanation
MTK	MediaTek, Asia’s largest fabless IC design company.

## 4 Overview

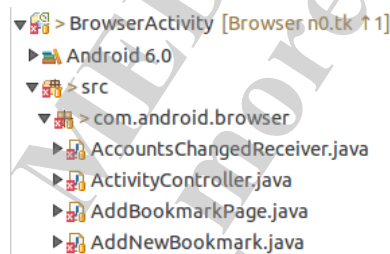
This chapter first gives a brief description of the modules of the system and the relationship of the modules.

### 4.1 Architecture



**Figure 4-1. Browser Architecture**

### 4.2 Source Code Organization



**Figure 4-2. Source Code Directory Structure**

The description of the directories and their subdirectories is given below:

<code>com/android/browser</code>	Contains the top-level source directory
<code>com/android/browser/Ad dBookmarkPage</code>	Contains the bookmark folder entity

## 5 Detailed Customization Procedure

### 5.1 Account

You can see the Figure 5-1 below:

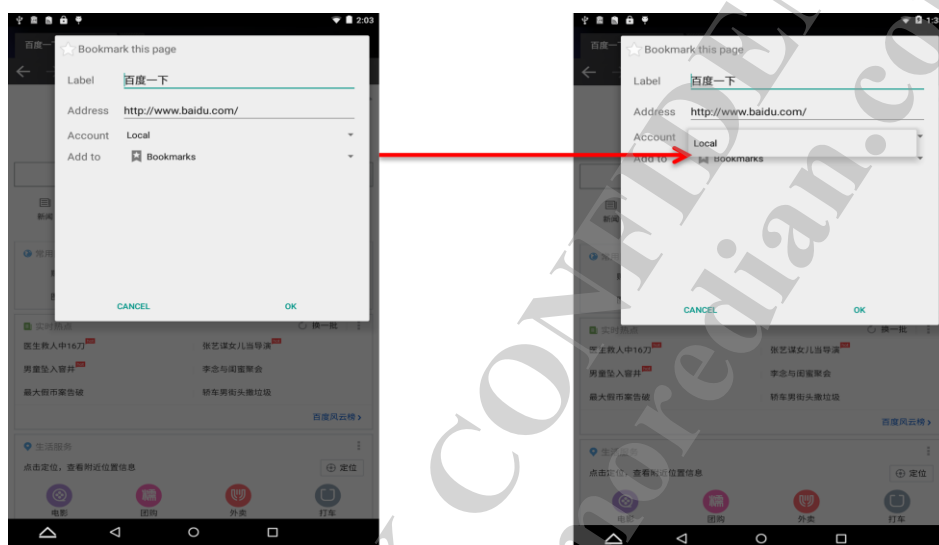


Figure 5-1. Default Account

#### 5.1.1 Modify Default Account

To modify the default account, You can find related code as follows

(src/com/android/browser/AddBookmarkPage#onCreate)

```
mAccountAdapter = new ArrayAdapter<BookmarkAccount>(this,
    android.R.layout.simple_spinner_item);
mAccountAdapter.setDropDownViewResource(
    android.R.layout.simple_spinner_dropdown_item);
mAccountSpinner = (Spinner) findViewById(R.id.accounts);
mAccountSpinner.setAdapter(mAccountAdapter);
mAccountSpinner.setOnItemClickListener(this);
```

#### 5.1.2 Edit Account

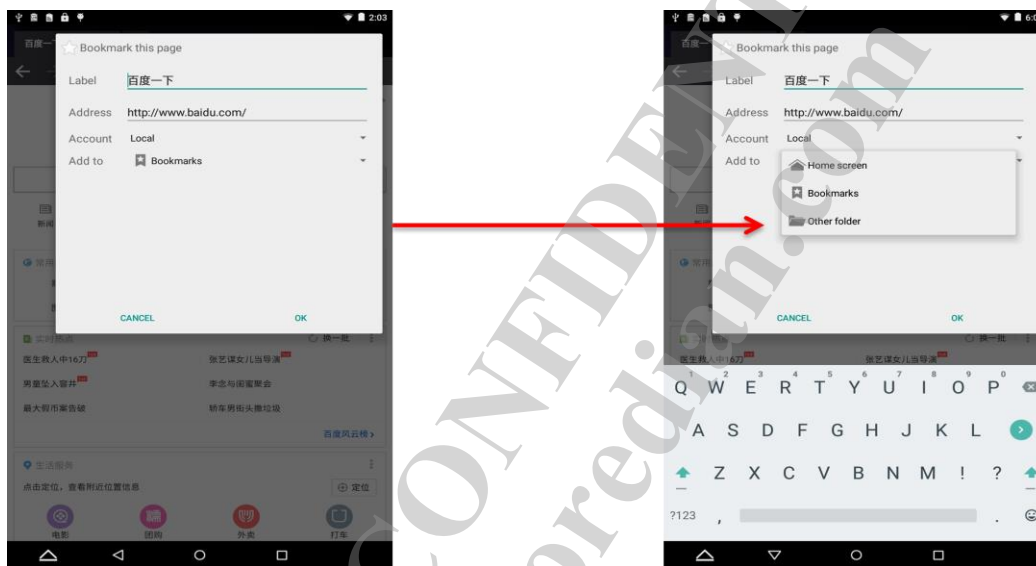
If you want to edit or delete account, You can find related code as follow:

(res/values/strings.xml)

```
<!-- Name for the user's unsynced, local bookmarks [CHAR LIMIT=50] -->
<string name="local_bookmarks">Local</string>
```

## 5.2 Bookmark folder category

Home Screen & Bookmarks & Other folder is the default folder category. Like the Figure 5-2 as below:



**Figure 5-2. Default Folder Category**

### 5.2.1 Find code location

To modify the default folder category, you can find the related code as follow:

(src/com/android/browser/addbookmark/FolderSpinnerAdapter.java)

```
private void bindView(int position, View view, boolean isDropDown) {
    int labelResource;
    int drawableResource;
    if (!mIncludeHomeScreen) {
        position++;
    }
    switch (position) {
        case HOME_SCREEN:
            labelResource = R.string.add_to_homescreen_menu_option;
            drawableResource = R.drawable.ic_home_holo_dark;
            break;
        case ROOT_FOLDER:
            labelResource = R.string.add_to_bookmarks_menu_option;
            drawableResource = R.drawable.ic_bookmarks_holo_dark;
            break;
        case RECENT_FOLDER:
            // Fall through and use the same icon resource
        case OTHER_FOLDER:
            labelResource = R.string.add_to_other_folder_menu_option;
            drawableResource = R.drawable.ic_folder_holo_dark;
            break;
        default:
            labelResource = 0;
            drawableResource = 0;
            // assert
            break;
    }
}
```

## 5.2.2 Add or edit folder categories

If you want to add or delete some categories, you can find related code as follow:

(res/values/strings.xml)

```
<!-- Menu item to use the top-level bookmarks folder to save a bookmark in. [CHAR-LIMIT=30]-->
<string name="add_to_bookmarks_menu_option">Bookmarks</string>
<!-- Menu item to save the newly created bookmark to the home screen. [CHAR-LIMIT=30]-->
<string name="add_to_homescreen_menu_option">Home screen</string>
<!-- Menu item to open a picker to determine which folder to save a bookmark in. [CHAR-LIMIT=30]-->
<string name="add_to_other_folder_menu_option">Other folder</string>
```

## 5.2.3 Modify code

you have to add or delete category by method:

(src/com/android/browser/addbookmark/FolderSpinnerAdapter.java)

```
public static final int HOME_SCREEN = 0;
public static final int ROOT_FOLDER = 1;
public static final int OTHER_FOLDER = 2;
public static final int RECENT_FOLDER = 3;
```

(src/com/android/browser/addbookmark/FolderSpinnerAdapter#bindView)

```

private void bindView(int position, View view, boolean isDropDown) {
    int labelResource;
    int drawableResource;
    if (!mIncludeHomeScreen) {
        position++;
    }
    switch (position) {
        case HOME_SCREEN:
            labelResource = R.string.add_to_homescreen_menu_option;
            drawableResource = R.drawable.ic_home_holo_dark;
            break;
        case ROOT_FOLDER:
            labelResource = R.string.add_to_bookmarks_menu_option;
            drawableResource = R.drawable.ic_bookmarks_holo_dark;
            break;
        case RECENT_FOLDER:
            // Fall through and use the same icon resource
        case OTHER_FOLDER:
            labelResource = R.string.add_to_other_folder_menu_option;
            drawableResource = R.drawable.ic_folder_holo_dark;
            break;
        default:
            labelResource = 0;
            drawableResource = 0;
            // assert
            break;
    }
}

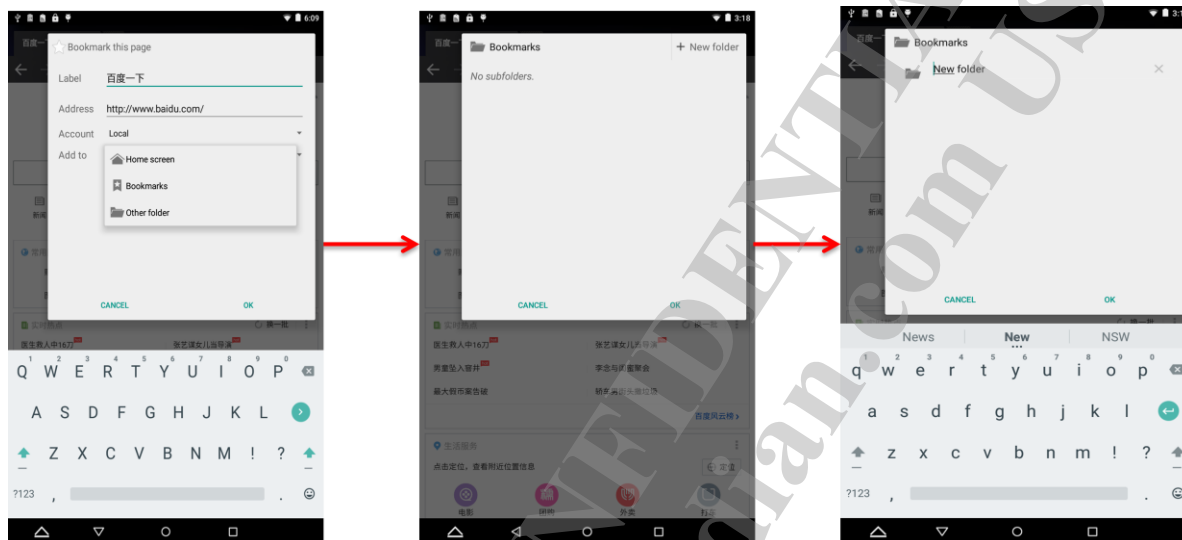
// FolderSpinner.OnSetSelectionListener

@Override
public void onSetSelection(long id) {
    int intId = (int) id;
    switch (intId) {
        case FolderSpinnerAdapter.ROOT_FOLDER:
            mCurrentFolder = mRootFolder;
            mSaveToHomeScreen = false;
            break;
        case FolderSpinnerAdapter.HOME_SCREEN:
            // Create a short cut to the home screen
            mSaveToHomeScreen = true;
            break;
        case FolderSpinnerAdapter.OTHER_FOLDER:
            switchToFolderSelector();
            break;
        case FolderSpinnerAdapter.RECENT_FOLDER:
            mCurrentFolder = mFolderAdapter.recentFolderId();
            mSaveToHomeScreen = false;
            // In case the user decides to select OTHER_FOLDER
            // and choose a different one, so that we will start from
            // the correct place.
            LoaderManager manager = getLoaderManager();
            manager.restartLoader(LOADER_ID_FOLDER_CONTENTS, null, this);
            break;
        default:
            break;
    }
}
    
```



### 5.3 Add Bookmark Folder

When click the Other folder item,will jump to the add folder dialog,click New folder Button,you can add your own bookmark folder.Just like Figure 5-3:



**Figure 5-3. Add Bookmark Folder**

You can find the related code as follows:

(src/com/android/browser/AddBookmarkPage#onClick)