

Keiji Ariyama

# AOSPにContributeしてみた

# Android Open Source Project

# APIの使い方

Search  opengrok:8080/source/search?q=&project=android&defs=&refs=ContentProvider&path=%2Fandroid%2Fmaster%2Fpackages%2Fapp...

Home

Full Search  in project(s): [select all](#) | [invert selection](#)

Definition  Symbol  ContentProvider

File Path  /android/master/packages/apps

History

[Search](#) | [Clear](#) | [Help](#)

Searched +path:"android master packages apps" +refs:ContentProvider (Results: 20)

/android/master/packages/apps/HTMLViewer/src/com/android/htmlviewer/	
HAD FileContentProvider.java	23 import android.content.ContentProvider; 37 public class FileContentProvider extends ContentProvider {
/android/master/packages/apps/QuickSearchBox/tests/slow/src/com/android/quicksearc	
HAD SlowSuggestionProvider.java	20 import android.content.ContentProvider; 28 public class SlowSuggestionProvider extends ContentProvider {
/android/master/packages/apps/QuickSearchBox/tests/spammy/src/com/android/quicksearc	
HAD SpammySuggestionProvider.java	20 import android.content.ContentProvider; 28 public class SpammySuggestionProvider extends ContentProvider {
/android/master/packages/apps>Email/src/com/android/exchange/provider/	
HAD ExchangeProvider.java	22 import android.content.ContentProvider; 34 public class ExchangeProvider extends ContentProvider {
/android/master/packages/apps/QuickSearchBox/src/com/android/quicksearchbox/goog	
HAD GoogleSuggestionProvider.java	23 import android.content.ContentProvider; 34 public class GoogleSuggestionProvider extends ContentProvider {
/android/master/packages/apps/QuickSearchBox/tests/partial/src/com/android/quicksearc	
HAD PartialSuggestionProvider.java	20 import android.content.ContentProvider; 31 public class PartialSuggestionProvider extends ContentProvider {
/android/master/packages/apps/Tag/src/com/android/apps/tag/provider/	
HAD SQLiteContentProvider.java	19 import android.content.ContentProvider; 33 * General purpose {@link ContentProvider} base class. 35 public abstract class SQLiteContentProvider extends ContentProvider {
/android/master/packages/apps/DesktopClock/src/com/android/deskclock/	
HAD AlarmProvider.java	19 import android.content.ContentProvider; 32 public class AlarmProvider extends ContentProvider {
/android/master/packages/apps/Gallery3D/src/com/cooliris/picasa/	
HAD TableContentProvider.java	21 import android.content.ContentProvider; 32 public class TableContentProvider extends ContentProvider {
/android/master/packages/apps/QuickSearchBox/src/com/android/quicksearchbox/	

{OpenGrok

Cross Reference: /android/m...

xref: /android/master/packages/apps/HTMLViewer/src/com/android/htmlviewer/FileContentProvider.java

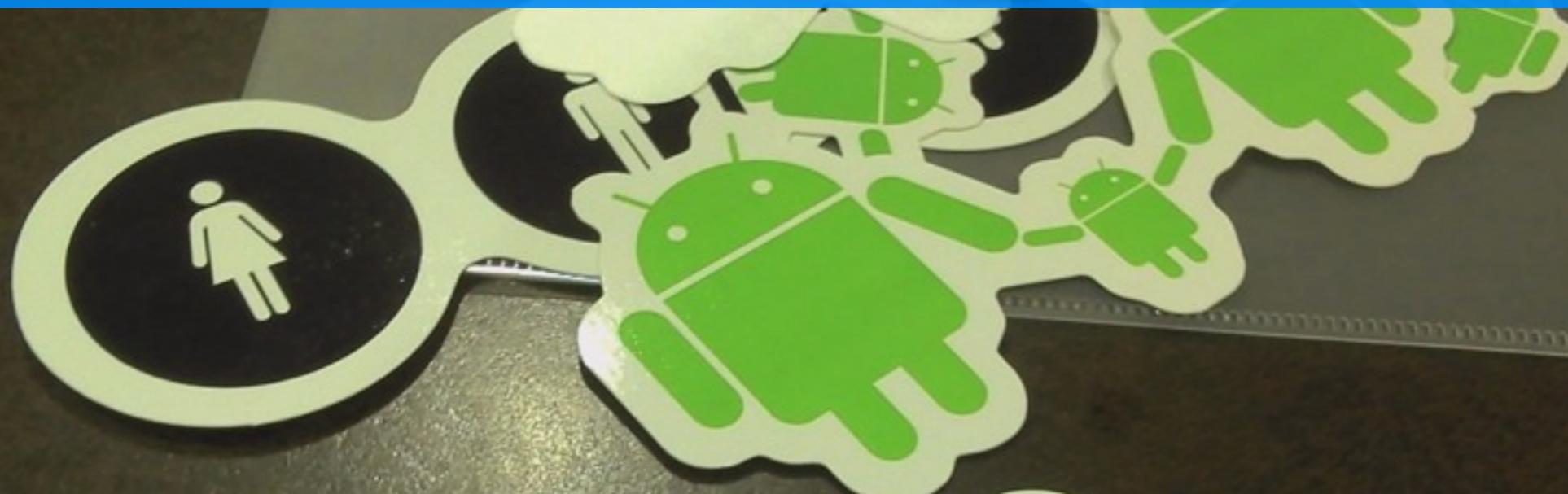
Home | History | Annotate | Line # | Navigate | Download |  Search  only in htmlviewer

```
37 public class FileContentProvider extends ContentProvider {  
38  
39     public static final String BASE_URI =  
40         "content://com.android.htmlfileprovider";  
41     public static final int BASE_URI_LEN = BASE_URI.length();  
42  
43     @Override  
44     public String getType(Uri uri) {  
45         // If the mimetype is not appended to the uri, then return an empty string  
46         String mimetype = uri.getQuery();  
47         return mimetype == null ? "" : mimetype;  
48     }  
49  
50     @Override  
51     public ParcelFileDescriptor openFile(Uri uri, String mode) throws FileNotFoundException {  
52         // android:exported="false" is broken in older releases so we have to  
53         // manually enforce the calling identity.  
54         if (Process.myUid() != Binder.getCallingUid()) {  
55             throw new SecurityException("Permission denied");  
56         }  
57         if (!"r".equals(mode)) {  
58             throw new FileNotFoundException("Bad mode for " + uri + ": " + mode);  
59         }  
60         String filename = uri.toString().substring(BASE_URI_LEN);  
61         return ParcelFileDescriptor.open(new File(filename),  
62                                         ParcelFileDescriptor.MODE_READ_ONLY);  
63     }  
64  
65     @Override  
66     public int delete(Uri uri, String selection, String[] selectionArgs) {  
67         throw new UnsupportedOperationException();  
68     }  
69  
70     @Override  
71     public Uri insert(Uri uri, ContentValues values) {  
72         throw new UnsupportedOperationException();  
73     }  
74  
75     @Override  
76     public boolean onCreate() {  
77         return true;  
78     }  
79 }
```

# 設計思想

Google  
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Day 2011

Androidの全てが



あなたと共にある



誰でも  
パッチを提出できる

# 貢獻

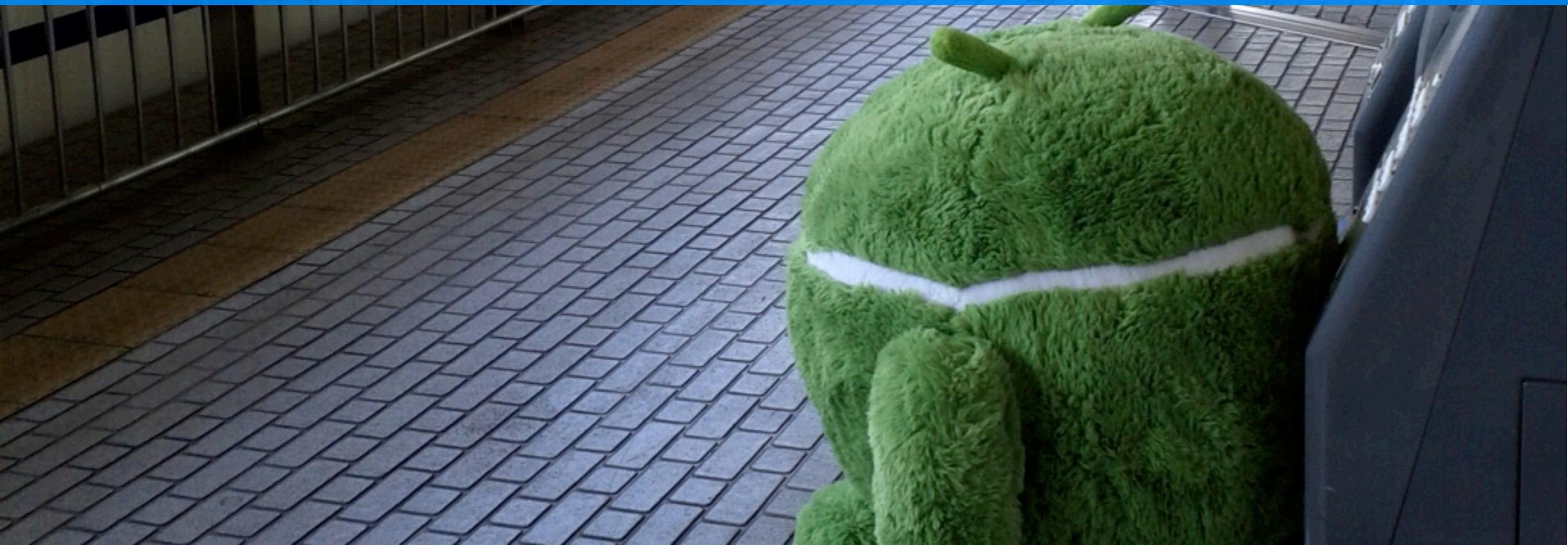
## Contribute



# Contribute はじめました



日本は Contributor が少ない？



英語が出来ない...

コードに自信がない...

どんな貢献ができるか解らない...

## 英語は 僕も出来ません

次期バージョン（開発コード：Ice Cream Sandwich）で統合が予定されています。

# コーディング規約

1031	<pre>if(size.height == 0    (getHeight() - size.height) == 0) {</pre>	Jan 30
	style nitpick: add a space between "if" and "("	
	<a href="#">Reply ...</a> <a href="#">Reply 'Done'</a>	
	<b>Keiji Ariyama</b> Your point is correct.	Jan 30
1032	<pre>size = new Dimension(width * zoom, height * zoom + helpPanel.getHeight());</pre>	
1033	<pre>} else {</pre>	
1034	<pre>    size = new Dimension(width * zoom, height * zoom);</pre>	
1035	<pre>}</pre>	
288	<pre>Calendar cal = Calendar.getInstance();</pre>	
289	<pre>int year = cal.get(Calendar.YEAR);</pre>	
290	<pre>int month = cal.get(Calendar.MONTH) + 1;</pre>	
291	<pre>int day = cal.get(Calendar.DAY_OF_MONTH);</pre>	
292	<pre>int hour = cal.get(Calendar.HOUR_OF_DAY);</pre>	
293	<pre>int min = cal.get(Calendar.MINUTE);</pre>	
294	<pre>int sec = cal.get(Calendar.SECOND);</pre>	
295		
296	<pre>dlg.setText("Save image...");</pre>	
297	<pre>dlg.setFileName(String.format("device-%04d%02d%02d%02d%02d%02d.png",</pre>	Feb 5
	Intention is good, but you could just use the date-time formatting capabilities of format(); look here <a href="http://download.oracle.com/javase/1.5.0/docs/api/java/util/Formatter.html">http://download.oracle.com/javase/1.5.0/docs/api/java/util/Formatter.html</a> under the section Date/Time. I personally like the %T and %F aggregated formats so you could just write:	
	<pre>Calendar now = Calendar.getInstance();</pre>	
	<pre>String.format("device-%1\$F-%1\$T.png", now);</pre>	
	Also note that you can use index-based % specifiers to avoid repeating the variable in the printf.	
	<a href="#">Reply ...</a> <a href="#">Reply 'Done'</a>	
	<b>Keiji Ariyama</b> Thank you for your reviewing!	Feb 5
298	<pre>year, month, day, hour, min, sec));</pre>	

## アドバイス 有



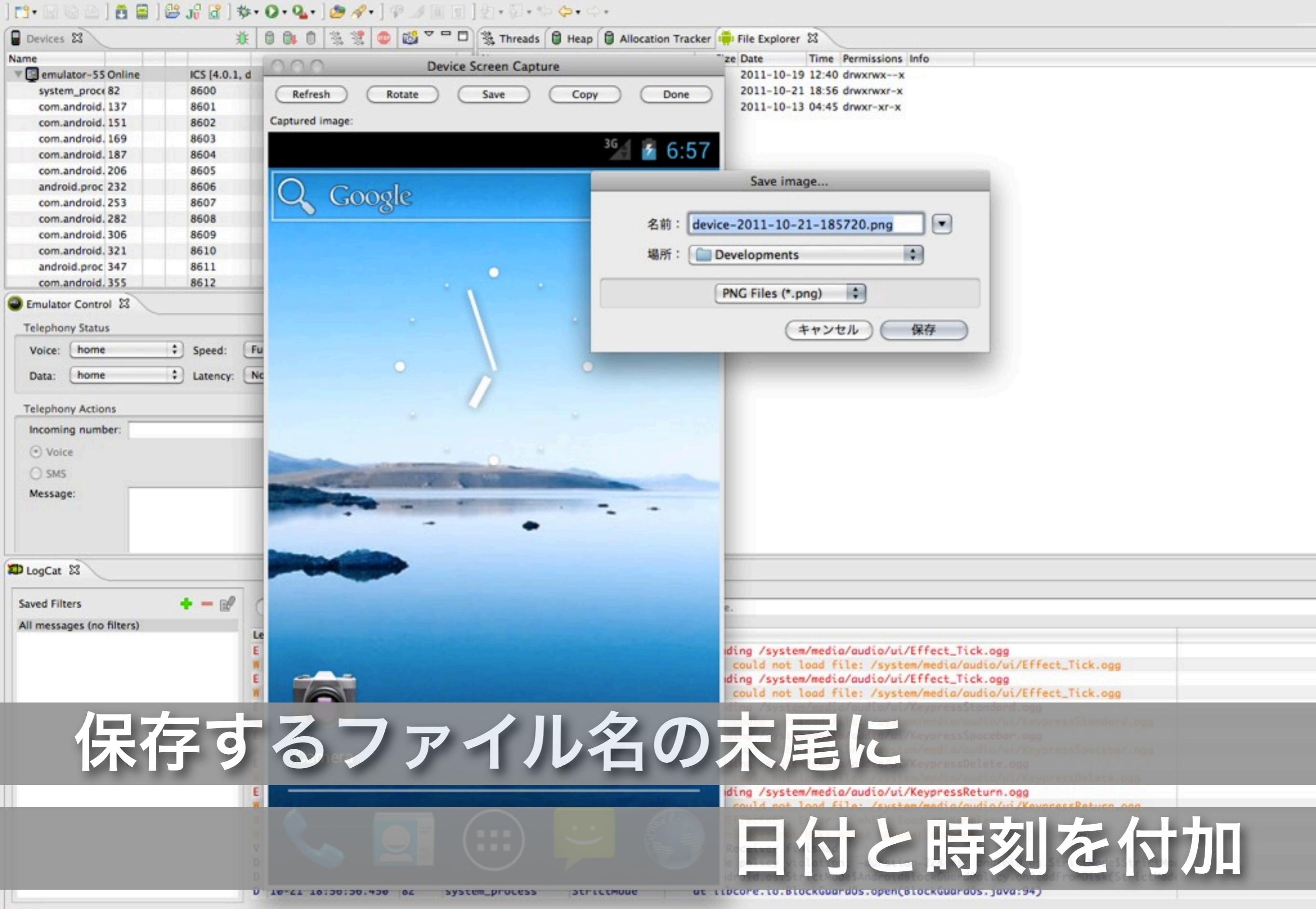
ID	Type	Status	Owner	Summary + Labels	Stars
<a href="#">21064</a>	Defect	New	---	android.net.Uri decodes + in query as +, not space	1
<a href="#">21063</a>	Defect	New	---	linked on hello world is broken	1
<a href="#">21061</a>	Defect	New	---	Browser bug: window.closed is set to undefined instead of true	1
<a href="#">21060</a>	Defect	Assigned	vлад...@android.com	Camera related emulator crash on W7/x64	2
<a href="#">21059</a>	Defect	New	---	GMail app does not send attachment (Asus TF101 Android Honeycomb 3.2.1)	1
<a href="#">21058</a>	Defect	New	---	messaging links thread to account inappropriate	1
<a href="#">21057</a>	Defect	New	---	After upgrading to android ADT 14, AAPT crashes and my phone restarts every time I try to install an application	1
<a href="#">21056</a>	Enhancement	New	---	C2D support	1
<a href="#">21055</a>	Defect	New	---	CTS version 2.3_r9 package does not exist	1
<a href="#">21054</a>	Defect	New	---	Samsung Galaxy S2: alarm clock not working if phone is switched off	1
<a href="#">21053</a>	Enhancement	New	---	Possibility to define each stroke-side in a shape drawable	1
<a href="#">21052</a>	Defect	New	to...@android.com	Ant rule "install" no longer depends on "debug".	2
<a href="#">21051</a>	Defect	New	to...@android.com	ADT 14 layout editor no longer works with include layout reference	4
<a href="#">21050</a>	Defect	New	---	[Picasa] Album name is getting change in Picasa when change the device orientation.	1
<a href="#">21049</a>	Defect	New	---	Me photo not displaying	1
<a href="#">21048</a>	Defect	New	---	default.properties vs project.properties	2
<a href="#">21047</a>	Defect	New	to...@android.com	ICS emulator crash/restart	1
<a href="#">21046</a>	Defect	New	---	<item> tag requires a 'drawable' attribute or child tag defining a drawable	4
<a href="#">21045</a>	Defect	New	---	android.bat generates broken build.xml	1
<a href="#">21044</a>	Defect	New	---	Music: MusicSyncAdapter keeps wake lock for too long.	1
<a href="#">21043</a>	Defect	New	---	Google account sign in UI is always in landscape mode	1
<a href="#">21042</a>	Defect	New	---	Error with library projects in revision 14	1
<a href="#">21041</a>	Defect	New	---	gmail attach doc file preview scroll doesn't work	1
<a href="#">21040</a>	Defect	New	---	Device location information is not available in the manifest	1

# 課題も共有

# Android SDK

1. 開発効率に直接影響する
2. Internal repository がない

### 3. 私たちには、その力がある



```
45 import java.io.IOException;  
46 import java.util.Calendar;  
47  
48  
49 /**  
50 * Gather a screen shot from the device and save it to a file.  
51 */  
52 public class ScreenShotDialog extends Dialog {  
53  
54     private Label mBusyLabel;
```

--- 223 unchanged lines hidden ([view full](#)) ---

```
278     }  
279 }  
280  
281 /*  
282 * Prompt the user to save the image to disk.  
283 */  
284 private void saveImage(Shell shell) {  
285     FileDialog dlg = new FileDialog(shell, SWT.SAVE);  
285     String fileName;  
286  
287     Calendar now = Calendar.getInstance();  
288     String fileName = String.format("device-%tF-%tH%tM%tS.png",  
289         now, now, now, now);  
290  
291     dlg.setText("Save image...");  
288     dlg.setFileName("device.png");  
292     dlg.setFileName(fileName);  
293  
294     String lastDir = DdmUiPreferences.getStore().getString("lastImageSaveDir");  
295     if (lastDir.length() == 0) {  
296         lastDir = DdmUiPreferences.getStore().getString("imageSaveDir");  
297     }  
298     dlg.setFilterPath(lastDir);  
299     dlg.setFilterNames(new String[] {  
300         "PNG Files (*.png)"
```

Add datetime postfix to default file name  
when showing save screen image dialog.

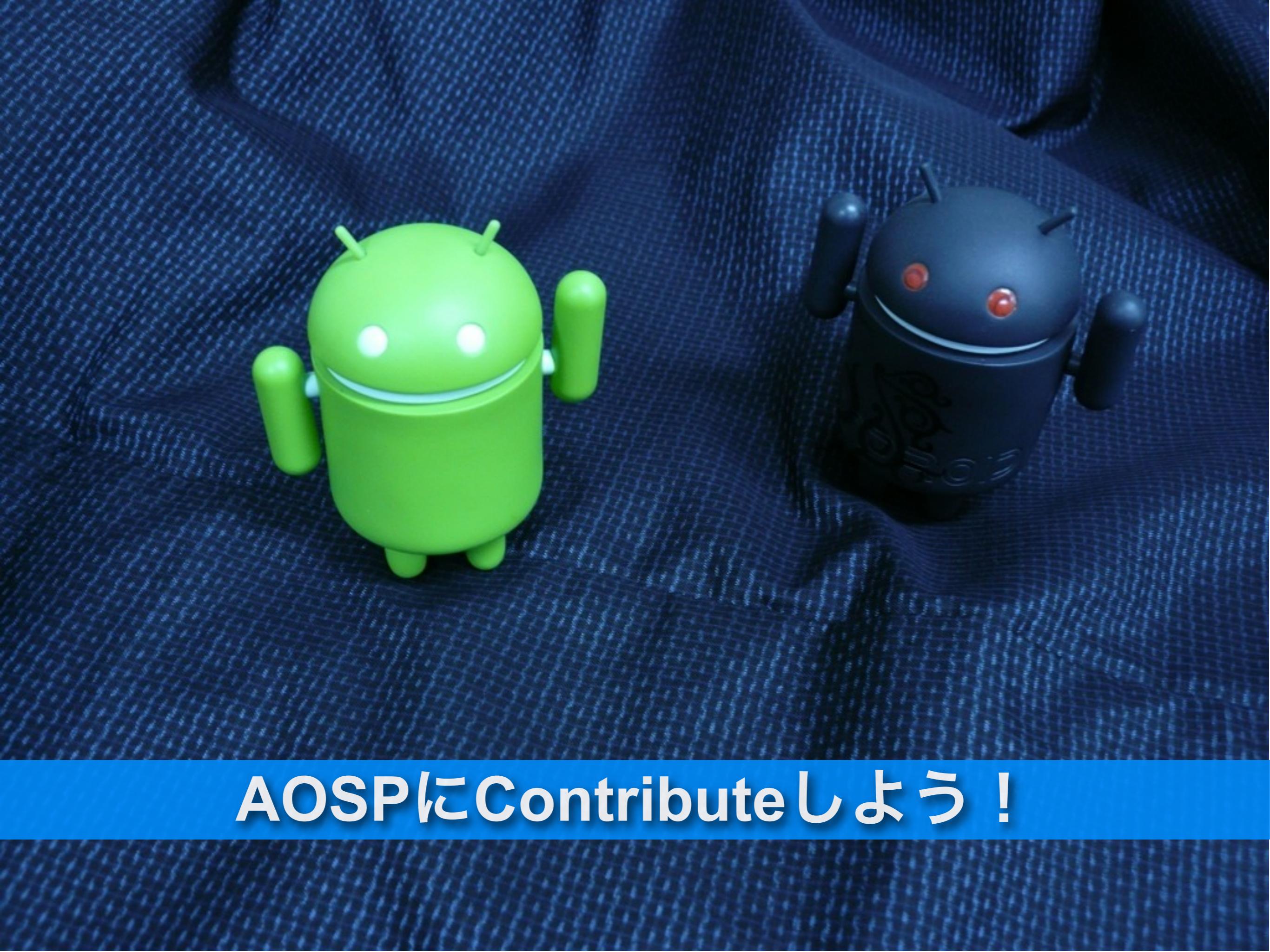
Change-Id:

I141124cddf211959b8f18846445663da0b9ad958

# 不便を便利に変える力



変更にかかる時間 < 節約できる時間



AOSPにContributeしよう！

# Thank you!

**Android Open Source Project**

<http://source.android.com/>

**Android Contributors**

<http://goo.gl/qv3Ua>



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