Android APIs

API level: 19

nstants | Fields | thods | Inherited

extends android

Methods | [Expand All] Ad led in API level 1

android.accessibilityservice

**SontextThemeWisepper** 

inglement Callbacks 2 KeyEvent Callback Layou Inflater Factory 2

### android.app

android.app.admin java lang Object ckup

android content Context

android content.ContextWrapper

android.contentThemeWrapper

android.con tent.pm .Activity

\_'eActivity

▶ Known Indirect Subclasses

Interfacesctivity, LauncherActivity, PreferenceActivity, Tal Activity

ActionBar.OnMenuVisibilityListener

ActionBar.OnNavigationListener

# Class Overview

Application.ActivityLifecycleCallbacks

Approdictation i @ na Periovoi lete Assessisste Death lining terment the user can do. Almost all Appi Oipisest antegen: On Other used Isia theree Activity class takes care of <u>Deta Frincker Wialdow Ord avor Sirt Livistic her</u>ou can place your UI with Executionemit Bretaldice with biseouth Bread Grund b Glick bistener

FragmentManagerBackStackEntryndroid.view.view)). While activities are FragmentManager OnBackStack@hangedListeners, the can also be Keyguard Manager On Keyguard Exit Besult (via a theme with LoaderManagerLoaderCallbacks LoaderManagerLoaderCallbacks LoaderManagerLifte (/tererence/android/R.attr.html#w: ndowIsFloating) PendingIntent On Finished
set) or embedded inside of another activity (using ActivityGroup SearchManager.OnCancelListener

Treference/android/app/ActivityGroup.html). There are two methods
SearchManager.OnDismissListener almostallaviaciasors of estivity will implement:

- UiAutomation.AccessibilityEventFilter
  onCreate(Bundte) is where you initialize your activit /. Most
  UiAutomation.OnAccessibilityEventListener
  importantly, here you will usually call setContentViev(int) with a layout resource defining your UI, and using findViewById(int) to retrieve the widgets in that UI that you need to interact vith programmatically.
- <u>AndPanBar(</u>) is where you deal with the user leaving your activity. Most AntionBartyaxaytearams made by the user should at this point be Astion Best absually to the Content Provider holding he data). Activity

ActhetoGusepwith Context.startActivity() (/reference/android

/content/Context.html#startActivity(android.content.Intent)), all activity erence/android API level: 19 Android APIs <u>znisey cource in american oranian reserve cyzaconaración in their package's </u> AnnahopdidManifest.xml. android.accessibilityservice Topicsucavered there: android.animation android.app android app. admin
android app. admin
android app. backup android apply doet and ois sying Persistent State and oil ermissions and roid rosess Lifesycle

android database solite The Activity class to all important part of all application is overall

lifecycle, and the way activities are launched and put to gether is a fundamental part of the platform's application model. For a detailed **PARTERIES** on the structure of an Android application and how ACTIVITIES TO HAVE UVES BAIT PARTIES Application Fundame Itals (/guide/topics Munitamental Shame Tank Stack (/guide/topics/fu idamentals/tasks-

And hop Branck about stemel oper guides.

android.content.res Developer Guides

Application.ActivityLifecycleCallbacks

Дрыканіа ko create activities in App Aptivities ((evidentopics/fundamentals/entivities.html) developer guide.

DatePickerDialog.OnDateSetListener

FragmentseadCrumbs.OnBreadCrumbClickListener

FragmentManager.BackStackEntry

Starting with HONEXCOMB (/reference/android

Kes/Buildwessign come extended the ctivity implementations can

make use of the local mean to a class

Remoding Interdu Oar Fire is theid code, build more sophisticated user interfaces Sealandelasaaeen (Sp. വേഷൻ belloistealertheir application between small and

Sergue b Meens en On Dismiss Listener

TimePickerDialog.OnTimeSetListener

**LAictivity Atifecycle** ssibility Event Filter

UiAutomation.OnAccessibilityEventListener

Activities in the system are managed as an activity stac a. When a new activity is started, it is placed on the top of the stack and becomes the Charing activity -- the previous activity always remains helow it in the stack, and will not come to the foreground again until the new activity

<u>ActionBar</u>

ActionBar.LayoutParams

ActioctBatyTabs essentially four states:

Activity in the foreground of the screen (at the top of the stack), it A \_ ± : . : ± . . N A \_ . . \_ \_ . . . .

2 of 104

is active or running.

Android APIs

API level: 19

f vour activity), it

is paused. A paused activity is completely alive (it main ains all state and rold and member information and remains attached to the v indow and rold accessibility service, manager), but can be killed by the system in extreme lo v memory and rold accounts

android, animation and the channel by another activity it is stopped. It

android.app
Still retains all state and member information, nowever, it is no longer android.app.admin
Visible to the user so its window is hidden and it will often be killed by android.app.backup
The system when memory is needed elsewhere.
android.appwidget
If an activity is paused or stopped, the system can drop the activity from android.bluetooth
memory by either asking it to finish, or simply killing its process. When it android.content is displayed again to the user, it must be completely restarted and android.content.pm
restored to its previous state.
android.content.res
android.dotabase

ৰাপে প্রার্থনার প্রার্থনার প্রার্থনার gram shows the important state paths of an Activity. atilma aschetch hinnime . . . . . . .. . can implement

to perform operations when the Activity moves between states. The colored ovals are major states the Activity can be in.

### Interfaces

ActionBar.OnMenuVisibilityListener

ActionBar.OnNavigationListener

ActionBar.TabListener

Application.ActivityLifecycleCallbacks

Application.OnProvideAssistDataListener

AppOpsManager.OnOpChangedListener

DatePickerDialog.OnDateSetListener

FragmentBreadCrumbs.OnBreadCrumbClickListener

FragmentManager.BackStackEntry

FragmentManager.OnBackStackChangedListener

KeyguardManager.OnKeyguardExitResult

LoaderManager.LoaderCallbacks

PendingIntent.OnFinished

SearchManager.OnCancelListener

SearchManager.OnDismissListener

TimePickerDialog.OnTimeSetListener

UiAutomation.AccessibilityEventFilter

UiAutomation.OnAccessibilityEventListener

#### Classes

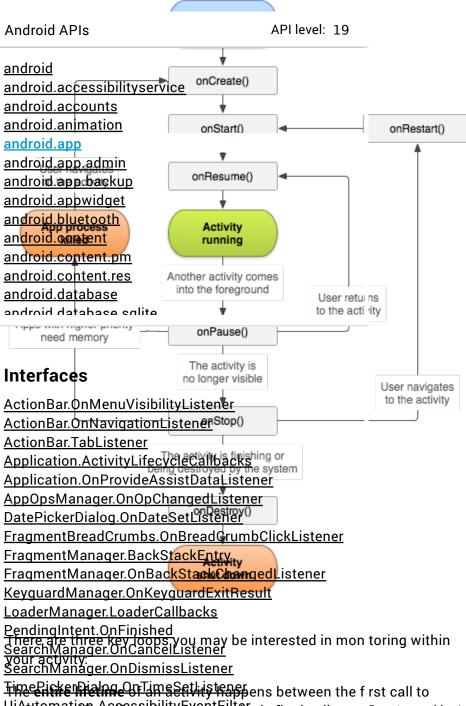
ActionBar

ActionBar.LayoutParams

ActionBar.Tab

Activity

ActivityGroup



- Time Picker Picker Or Time Set Vity Happens between the first call to United Picker Picker
- Abe visible lifetime of an activity happens between a call to onStart()

  Aptiba នេះ ខេត្តស្រាម់រដ្ឋ នៅ to onStop(). During this time the user can នេះ នៅ activity

  Activity

  ou can maintain

A still to the user. For example,

you can register a BroadcastReceiver in onStart() to monitor for () when the user API level: 19 Android APIs nd onStop() methods can be called multiple times, as the activity becomes visible and hidden to the user android accessibility service The foreground lifetime of an activity happens between a call to android accounts on the sum of the na with the user. android.app An activity can frequently go between the resumed and paused states -tor example when the device goes to sleep, when an ac ivity result is delivered when a new intent is delivered -- so the code in these methods should be fairly lightweight. android content The entire lifecycle of an activity is defined by the following Activity android content pm methods. All of these are hooks that you can override to do appropriate android content results work when the activity changes state. All activities will mplement android database (/reference/android android database solite ....r initial setup; many will also implement onPause() (/reference/andra id /app/Activity.html#onPause()) to commit changes to data and otherwise interfaces prepare to stop interacting with the user. You should all rays call up to Action Bos Charlenwillian bility wisternia these methods. ActionBar.OnNavigationListener ActionBar TabListener Application. Activity extends ApplicationContext {
Application. ActivityLifecycleCallbacks
Application. On Provide AssistDataListener AppOpsManager.OnOpChangedListener DatePickerDialog.OnDateSetListener FragmentBreadCrumbs.OnBreadCrumbClickListener protected void onRestart(); FragmentManagerBackStackEntry FragmentManager.OnBackStackChangedListener Keyquard Manager. On Keyquard Exit Result LoaderManagerLoaderCallbacks
profected ,void onPause(); PendinaIntent.OnFinished SearchManager.OnCancelListener SearchManager.OnDismissListener TimePickerDialog.OnTimeSetListener UiAutomation.AccessibilityEventFilter (); UiAdtomation.OnAccessibilityEventListener

Glasses the movement through an activity's lifecycle ooks like this:

A otion Rar			
ActionBar - Method	_ Description	Killable?	Next
ActionBar.Layout	Params		
ActionBar.Tab	Called when the		
Activity			onStart()
	createa. Inis is		00 10 1()
<u>ActivityGroup</u>			

Method	Description	Killable?	Next
Android APIs		API level: 19	
android	your normal		
android.accessibility	<u>statice</u> set up:		
android.accounts	create views,		
android.animation	bind data to lists,		
android.app			
android.app.admin	also provides		
android.app.backup	you with a		
android.appwidget	Bundle		
<u>android.bluetooth</u>	containing the activity's		
android.content	previously frozen		
android.content.pm	state, if there		
android.content.res	was one.		
android.database			
מחתרוות תמדמת פני	.,		
	by onStart().		
Interfaces	Called after your		
ActionBar.OnMenuV	. activity has been isibilityListener		
ActionBar.OnNaviga	.stopped, prior to		
ActionBer Tablisten	it being started	No	onStart()
Application.ActivityL	again ifecycleCallbacks	INO	Ulistai t()
Application.OnProvid	deAssistDatiaListen	<u>er</u>	
AppOpsManager.On	- ,		
DatePickerDialog.On			
<u>FragmentBreadCrum</u>	pes bubleage chapp	<u>ClickListener</u>	-
FragmentManager.B			
FragmentManager.0			
KeyguardManager.O	to tire doci.	<u>ılt</u>	
LoaderManager.Load			
PendingIntent.OnFin			onResume(
Searcom/Satraarqte(r.)On C		No	or onStop(
SearchManager.OnD			
TimePickerDialog.Or			
UiAutomation.Acces			
<u>UiAutomation.OnAcc</u>	• •	<u>ener</u>	
	becomes hidden.		
Classes	Called when the		
ActionBar	activity will start		
	interacting with		
ActionBar LayoutPar ActionBar.Tab		No	onPause()
Activity	noint vour		
<u>Activity</u> <u>ActivityGroup</u>	activity is at tile		

Method	Description I	Killable?	Next
Android APIs	AP	l level: 19	
android android.accessibility	with user input epingeto it.		
android.accounts android.animation android.app	Always followed		
android.app.admin android.app.backup android.appwidget android.bluetooth android.content android.content.pm android.content.res android.database	Called when the system is about to start resuming a previous activity. This is typically used to commit unsaved changes to		
Keyguard Manager. Or Loader Manager. Load Pending Intent. On Fin	ient:istener iont:istener implementations  of this method ifecycleCallbacks  must be very leAssistDataListener quick because  pchangedListener the next activity  DateSetListener will not be bs. OnBreadCrumbClicleres in ethod in till ackStackEntry this method in the mext ackChangedListereturns.  KeyguardExitResult  lerGallbacks, ished		onResume() or onStop()
SearchManager.OnC SearchManager.OnD TimePickerDialog.On UiAutomation.Acces UiAutomation.OnAcc	ismisst istener TimeSetListener	:	
Classes	becomes invisible to the user.		
ActionBar.LayoutPar	Called when the activity is no		onRestart()
Activity ActivityGroup	the user, because	V	or onDestroy()

	Method	Description	Killable?	Next
	Android APIs		API level: 19	
	<u>android</u>	resumed and is		
	android.accessibility	servering this one. This may		
	android.accounts android.animation	happen either		
	android.app.admin android.app.backup	activity is being started, an		
	android.appwidget	existing one is		
	android.bluetooth	being brought in front of this one,		
	android.content android.content.pm	or this one is		
	android.content.res	being destroyed.		
	android.database	Followed by		
		onRestart() if		
	Interfaces	this activity is		
		coming back to		
	ActionBar.OnMenuVi ActionBar.OnNavigat	isibilityĽistener		
	ActionBar.TabListen	epnDestroy() if		
	Application.ActivityL	<u>iteisverettätindiscks</u>		
	Application.OnProvid		<u>•r</u>	
	AppOpsManager.Ont			
	<u>DatePickerDialog.On</u> <u>FragmentBreadCrum</u>	<u>DateSetListener</u> "Receive before	lickt istener	
	FragmentManager.B		<u> </u>	
	FragmentManager.O	destroyed This nBackStackChange	<u>dListener</u>	
	KeyguardManager.O	can happen nKeyguardExitResul		
	LoaderManager.Load	derCallbacks the activity is		
	PendingIntent.OnFin			
	SearchManager.OnC SearchManager.OnD			
	TimePickerDialog.Or			
	Ui Andesatrov Adces		Yes	nothing
	UiAutomation.OnAcc	temporarily	<u>ner</u>	
		destroying this instance of the		
	Classes	activity to save		
	ActionBar	space. You can		
	ActionBar.LayoutPar	•		
	ActionBar.Tab	between these		
	<u>Activity</u>			
8 of 104	ActivityGroup	with the		

Method

Next

wethod	Description	Killable?	Next
Android APIs		API level: 19	
android Note the "Killable" col android accessibilitys are marked as being i android accounts hosting the activity m android animation android app	lumn in the above service killable, after that nay killed by the s	e table for those method returns t system <i>at any time</i>	methods that he process without another
android.app	n	f +L:L.	uld use the
onPause () (/referen	nce/android/app/Ac	ctivity.html#onPau	<u>se())</u> method to
android: app. admin Write any persastent d methoid: app. as tell pst android: app. weter	<u>:anceState(Bu</u>	ndle) (/referenc	: III addition, the <u>e/android</u>
<u>android:appwidget</u> <u>android:appwidget</u>			
<b>anedovedplacitegnt</b> he act	tivity in such a ba	ackground state, a	llowing you to
<u>sadeoadvagrateyidgin</u> an		•	_
<u> Bandroliel. too bee lattees</u> e c	eived in <u>onCrea</u>	te(Bundle) (/r	eference/android
<u>android:databasa</u> #on0		Bundle)) if the act	vity needs to be
android datahaca cadi	to inclin		tion for more
information on how tl	he lifecycle of a p	rocess is tied to t	he activities it is
hosting. Note that it is	s important to sa	ve persistent dat	ı in <u>onPause()</u>
Interface Sndroid/ap	p/Activity.html#o	nPause()) instead	of
adsaveliotabresit			
Activo ABar.On Navletant	<u>com<b>eliste</b>arreg</u> eState(	android.os.Bundle	<u>)</u> because the
AcatticoniBarroTabalristefnth	e lifecycle callba	cks, so will not be	called in every
<u>Ait placiatricans Adets vitible i</u>	<u>feicyitte 6 all backis</u> t	tation.	
Application.OnProvide	<u>eAssistDataListe</u>	<u>ner</u>	
ApBoasmarahtbetrtoro	<u>Бенанайяпигаляры</u>	hange slightly be	tween
Daaeplikationadaroat			
FragndeonitBosabl@iddnYl			
Fraggio ept Materager Sta			ion is not in the
Frakidina bita Mitane qent Din			
Ке <u>удµакdМаладег"Ол</u>	<u>Kevguar</u> dExitRes	鼬d. This impact	s when
oaderManager Load	<u> srCallbacks</u> <u>State(Bundle)</u>	(/reference/andr	<u>id</u>
Penainainieni Untini	snea	e(android.os.Bund	
SearchManager.OnCa SearchManager.OnDi	incell istener		<del></del>
SearchManager.OnDis Tir <del>/aep/∂kei≀Dialo</del> ktod#9	am <u>kanco(+)): ສາດຕໍ່ ສຸງໄ</u> ດ	ows and applicati	on to safely wait
UiAntilranstonActes			
Uisutematicistemteca			<u> </u>
A Was As har Marania Mar	FASIDILLÀ FACILIFIE	<u>iciici</u>	
Tanaharan masahar 1991		al a a la ata a 1300 0.0	Alexandra de la constante de l

Description

Killable?

For those methods that are not marked as being killable, the activity's places will not be killed by the system starting from the time the method is called and continuing after it returns. Thus an activity is in Activity estate, for example, between after on Pause () to the start of Activity and activity are continuing after the continuing aft

ActionBar.Tab

**Activity** 

ActivityGroup

If the configuration of the device (as defined by the Android APIs isplaying a user interface will need to update to match that configuration. Because Activity is the spinary machanism for interacting with the user, it ள்ளுக்கு இது அது apport for handling configuration changes. android.animation change in screen orientation, language, input devices, e.c.) will cause android app. admin your current activity to be destroyed, going through the normal activity android app. backup lifecycle process of android appwidget on Pause() (/reference/android android appwidget) /app/Activity.html#onPause()), onStop() (/reference/and roid <u>aapph/figitievittyehtml#onStop())</u>, and <u>onDestroy() (/refer ence</u>/android android contreht more troy()) as appropriate. If the activity had been in and fooid contectores is ible to the user, once on Destroy () (/reference android database ity.html#onDestroy()) is called in that i istance then a android database solite. savedInstanceState the previous instance had generated from onSaveInstanceState(Bundle) (/reference/androig) Lateriaces. html#onSaveInstanceState(android.os.Bundle)). ActionBar.OnMenuVisibilityListener
This is done because any application resource, including layout files,
ActionBar.OnNavigationListener
can change based on any configuration value. Thus the only safe way to
ActionBar. labListener
handle a configuration change is to re-retrieve all resou ces, including
Application.ActivityLifecycleCallbacks
layouts, drawables, and strings, Because activities must already know
Application.OnProvideAssistBataListener
how to save their state and re-create themselves from that state, this is
AppOpsManager.OnOpChangedListener
a convenient way to have an activity restart itself with a new
DatePickerDialog.OnDateSetListener
Confiduration. nfiguration gmentBreadCrumbs.OnBreadCrumbClickListener Fragment Manages Back Stack Entry and to bypass restarting of your Eragment Manager On Back Stack Changed Listenstion changes. This is Keyquard Manager Po Keyguard Exit Results (/reference/indroid Loader With the Sandroid Veening Changes (/reference/ indroid Loader With the Sandroid Veening Changes) attribute in its manifest. For any types of PendingIntent. On Finished Configuration changes you say that you handle there, you will receive a Search Wanager. On Cancel Listener Call to your current activity's Search Wanager. On Dismiss Listener On Configuration (/reference/android Time Picker Dialog. On Time Set Listener <u>VARPAGASTINA : ARC #00 SADILITY EXCEPTION CONTENT . res. Configuration</u> யுத் முக்கூர்ப்பட்டுக்கு நடிக்கும் நடிக்கு நடிக்கும் நடிக்கும் நடிக்கும் நடிக்கும் நடிக்கும் நடிக்கும் நட involves any that you do not handle, however, the activity will still be restarted and onConfigurationChanged(Configuration) Classese/android damp/Activity.html#onConfigurationChanged(android.content.res.ConfigurationChanged) ALLIVINBAP. LAFORA HEAFams ActionBar.Tab Activity ActivityGroup

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```
The startActivity(Intent) (/reference/android
                                                                                                           method is used
Android APIs
to otall a new activity, willow will be placed at the top of the activity
stackidt takes a single argument, an Intent (/reference/android/content
and the symbic hydesocial estivity to be executed.
android.accounts
รณฑรที่เกาสาราชานุญแลกt to get a result back from an activity when it ends.
                                                                                                           pick a person in
android.app
anlist of apptacts in when it ends, it returns the person that was selected.
and ithis you eall the startActivityForResult(Intent, int)
androideaces widoet
android bluetooth #startActivityForResult(android.content .Intent, int))
<del>अविदेशांत Gott ens</del>econd integer parameter identifying the call. The result
and room consertant ugh your on Activity Result (int, int,
android gontent resce/android/app/Activity.html#onActivity.tyResult(int,
android database
int, android content. Intent)) method.
When an activity exits, it can call setResult(int) (/ eference/android
 /app/Activity.html#setResult(int)) to return data back to its parent. It
Interfaces supply a result code, which can be the standard results
RESULT and custom values starting at
RESULT a FORM a Waste Injectition, it can optionally return back an Intent
AentaiBing any additional data it wants. All of this information appears
Rack catible region to independent of the control o
interestidentifier it various ally purpolistener
AppOpsManager.OnOpChangedListener
The child activity falls for any reason (such as crashing) the parent DatePickerDialog OnDateSetListener activity will receive a result with the code RESULT CAN ELED. FragmentBreadCrumbs. UnBreadCrumbClickListener
FragmentManager.BackStackEntry
FracmentMandces.OnBackStackChaegeebidtenectivi::y {
KeyguardManager.OnKeyguardExitResult
LoaderManager.LoaderCallbacks
PendingInsteat@oFifnishedd int PICK_CONTACT_REQUEST = 0;
SearchManager.OnCancelListener
SearchManaglee On Disrbissiesten em KeyDown (int ke<sup>1</sup>/Code, KeyEve
TimePickerDialof.OrkTimeSetListerIce yEvent.KEYCODI: DPAD CENTER
UiAutomation.Access/bil//ty/Event/Felterser center prosses, let th
UiAutomation.OnAcsetsasittiAtyEivenittLysteenResult (
                                                new Intent(Intent.ACTION PICK,
                                                new Uri("content://con::acts")),
                                                PICK CONTACT REQUEST);
Classes
                                    return true;
ActionBar
ActionBar.LayoutParams
ActionBar Tab
Activity
ActivityGroup
```

```
protected void onActivityResult(int requestCode
                                 API level: 19
Android APIs
                                           REQUEST) {
                if (resultCode == RESULT OI() {
android
android.accessibilityservice to the user.
android.accounts
                    startActivity(new Intent(Intent.ACT
android.animation
android.app
android.app.admin
android.app.backup
android.appwidget
android.bluetooth
android.content
```

# Saving Persistent State

android.content.res

and to ide the sally two kinds of persistent state than an activity will and to ide the sally stored in a SQLite data (typically stored in a SQLite database using a content provider (/reference/and oid/content /ContentProvider.html)) and internal state such as user preferences.

#### Interfaces

For content provider data, we suggest that activities us a "edit in place" AstionBaronManuvisibilityitistense makes are effectively made AntionBaron Wayisationdistages additional confirmation step.

Scippo Pandahistore is generally a simple matter of following two Application. Activity Lifecycle Callbacks

Application. On Provide Assist Data Listener

- Althonostating en. On O dohum gent Liste her ching database entry or file for it in the control of the con
- \* <u>Whan An activity's and Pause ack</u> method is called, it should commit to the <u>Parking Ingented and Pause ack</u> method is called, it should commit to the <u>Parking Ingented and Pause activity</u> that is <u>Sparking Ingented activity is activity that is about ing Ingented activity is activity in an activity in a commit your data even more <u>Pause seventy activity in the duting your data even more up the Ingented in the Ingented Ingented Instituted Ingented Ingented Instituted Instituted Ingented Instituted Ingented Instituted Ingented Instituted Ingented Instituted Instituted Ingented Instituted Ingented Instituted Instituted Instituted Instituted Instituted Instituted Instituted Instituted Instituted I</u></u>

This model is designed to prevent data loss when a user is navigating between activities, and allows the system to safely kill an activity (Decause system resources are needed somewhere else) at any time activities been paused. Note this implies that the user pressing BACK AROND PBUT BOY WITH PROPERTY TO THE METING OF THE

A stilling Grey for "undo" option.

```
See the content package (/reference/android/content
                                                                     nt providers.
Android APIs
mese are a key aspest or now amerem astrones mosk: and propagate
മ്ലൂപ്പും hetween themselves.
android accessibilityservice
The Activity class also provides an API for managing in ernal persistent android accounts
state associated with an activity. This can be used, for example, to android animation
week view) or the user's default nome page in a web bit wser. android.app.admin
android appwidges (int) (/reference/android
android bluetooth and Activity html#qetPreferences(int)), allowing you to retrieve and
Appl/Activity:htmlt#qetPreferences(int)), allowing you to retrieve and android.content modify a set of name/value pairs associated with the activity. To use android.content.pm preferences that are shared across multiple application components android.content.res Tactivities, receivers, services, providers), you can use the underlying android.database Context.getSharedPreferences() (/reference/an |roid/content android.database context.getSharedPreferences()
/context.ntmt#getSnareurrererences(java.tang.string, int,) method to
retrieve a preferences object stored under a specific na ne. (Note that it
is not possible to share settings data across application packages – for that you will need a content provider.)
ActionBar.OnMenuVisibilityListener
Here is an experpt from a sale plan activity that stores the user's
Areformed High mode in its persistent settings:
Application.ActivityLifecycleCallbacks
Application On Provide Assist Data Listenery extends activity {
AppOpsManager.OnOpChangedListener
DatePickerDialog.OnDateSetListener
FragmentBreadCrumbs: OnBreadCrumb Chick Mistener 0
Fragment Manager Back Stack Entry EK VIEW MODE = ::
FragmentManager.OnBackStackChangedListener
Keyquard Manages On Keyquard Exit Results mPrefs:
LoaderManages Loader Callbacks ewMode;
PendingIntent.OnFinished
SearchManagesOnCancelListenerreate(Bundle savedInstanceSta
SearchManager On Dismiss Lister saved Instance State);
TimePickerDialog.OnTimeSetListener
UiAutomation.AccessibilityEventFilter mPrefs = getSharedPrefere
<u>UiAutomation.இருக்கு இது ibility Eventh isterer</u> getInt("''iew_mode", D
Classesprotected void onPause() {
                  super.onPause();
ActionBar
ActionBar.LayoutParams
ActionBar.Tab

ActionBar.Tab

Mode);
Activity
ActivityGroup ea.commit();
```

A \_ # !. . ! # . . B # \_ . . \_ \_ . .

Android APIs

API level: 19

android

### profesibilityservice

android.accounts

ameraldianitoatiant a particular Activity can be enforced when it is android.app

<u>androidanp admin</u>ndroidManifestActivity) tag. By doing so, other android app backup declare a corresponding <use ; -

android appwidget
nermission> (/reference/android

android.bluetooth
/R.styleable.html#AndroidManifestUsesPermission) element in their own android.content

manifest to be able to start that activity.

android content res When starting an Activity you can set android database RANT\_READ\_URI\_PERMISSION (/reterence/android

Intent.FLAG GRANT WRITE URI PERMISSION (/r:ference/android

/content/Intent.html#FLAG GRANT WRITE URI PERMISSION) on the Intent. This interfaces will grant the Activity access to the specific URIs in the Intent. Access Action Rat PoMente is is เป็นประชาชาเรายา is the distribution in across the Action Barron Navigation Lietenary other temporary destruction). As of ACTION FRANCIA DISTOR PER rence/android

Application Activity life cycle Callbacks D), if the Activity was already Application OnProvideAssistDataListener created and a new Intent is being delivered to onNewIntent(Intent)
AppOpsManager.OnOpChangedListener Treference/android DatePickerDialog.OnDateSetListener

FragmentManager.OnBackStackChangedListener

document for more information on permissions and security in general.

PendingIntent.OnFinished

SearchManager.OnCancelListener

Search van de CV6 de Dismiss Listener

TimePickerDialog.OnTimeSetListener The Android System attempts to keep application process around for as UlAutomation. Accessibility Event Filter Inng as possible but eventually will need to remove old processes when Wildutomation. On Accessibility Event Listener memory runs low. As described in Activity Lifecycle (#Ac ivityLifecycle), the decision about which process to remove is intimately tied to the state of the user's interaction with it. In general, there are four s ates a process can be in based on the activities running in it, listed here in order of Antion arce. The system will kill less important process is (the last Antion Before yout Rarrams killing more important process es (the first <u>Agtion Bar. Tab</u>

Activity

Activity beforeground activity (the activity at the top of the screen that A \_ ± ! . . ! ± . . B A \_ . . . \_ . . . .

the user is currently interacting with) is considered the most esort, if it uses API level: 19 Android APIs erally at this required in order to keep the user interface responsive. android.accessibilityservice android accipied activity (an activity that is visible to the user but not in android animation and such as one sitting behind a forer round dialog) is android.app led unless that android appraise the foreground activity running. android.app.backup and oid bapkidgend activity (an activity that is not visible to the user android the dute to be been paused) is no longer critical, so the system may android at entities process to reclaim memory for other foreground or androidisione properses. If its process needs to be killed, when the user android axig at a skeack to the activity (making it visible on the screen android orbaita bias on Create (Bundle) (/reference/android called with the savedInstanceState it had previously supplied in onSaveInstanceState(Bundle) (/reference/indroid Interfacestivity.html#onSaveInstanceState(android.os.|undle)) so that it ActionBan குளிசாய் இதிப்படு இது state as the user last left it. ActionBar.OnNavigationListener

4. An empty process is one hosting no activities or other application ActionBar.Tablistener
Components (such as Service (/reference/andrc id Application ActivityLifecycleCallbacks
Application.OnProvideAssistDataListener AppOp់ទាល់ដក្នុងស្រុកខាងទាន់ក្រុមនេះ html classes). These are killed very Fragmany Bragkonown boon Bright of Children from a stivity must be Fragmexem สครีต่อาปัติสาราชา activity BroadcastReceiver or Fragm Sating and Bathest the system dingres it needs to keep your KeyguardExitResult LoaderManager.LoaderCallbacks Sometimes an Activity may need to do a long-running operation that PendingIntent.OnFinished exists independently of the activity lifecycle itself. An example may be a SearchManager. On Cancell istener camera application that allows you to upload a picture of a web site. The upload may take a long time, and the application st ould allow the TimePickerDlaiog. On TimeSetListener user to leave the application will it is executing. To accc mplish this, your undutomation. Accessibility event filter Activity should start a Service (/reference/android/apr /Service.html) in Undutomation. On Accessibility Event Listener which the upload takes place. This allows the system to properly prioritize your process (considering it to be more important than other con-visible applications) for the duration of the upload, ndependent of whether the original activity is paused, stopped, or finis red. ActionBar

ActionBar.LayoutParams

Action Bar Jab

**Activity** 

<u>ActivityGroup</u>

**Constants** 

	Use with	
		/Mode(int) to
Android APIs	API level: 19	- during default
android	key handling.	adming deradit
android.accessibilityservice	Use with	
and DEFAULT INTERVIEW		/Mode(int) to
android.animation		andling of keys.
android.app	tuili oli uelault	anding of keys.
android.app.admin		
android.app.backup		/Mode(int) to
android.appwidget	specify that unh	
android.bluetooth	keystrokes will s	_
android.content	, , , ,	web search, but
android.content.pm	some platforms	-
	alternate metho	is for global
android.database	searcn)	
android database solite	900	
	android.app.	- GearchManager
	(/reference/andr	cid
Interfaces	/app/SearchManage	r.html) for more
ActionBar.OnMenuVisibilityListener	details.	
ActionBar.OnNavigationListener		
ActionBar.TabListener	Use with	
Application Activityl ifecycleCallbacks		/Mode(int) to
INT DEFAULT KEYS SEARCH LOCAL	specify that unh	andled
AppOpsManager.OnOpChangedListene	<u>ke</u> ystrokes will s	tart an
<u>DatePickerDialog.OnDateSetListener</u>	application-defi	r ed search.
FragmentBreadCrumbs.OnBreadCrumb	drewithener	
FragmentManagerBackStackEntry		/Mode(int) to
FragmentManager.OnBackStackChang	<b>red Eistiten e</b> rmenu	shortcut in
KeyguardManager.OnKeyguardExitRes	<u>ជៅ</u> efault key hand	ling.
LoaderManager.LoaderCallbacks	Standard activit	' result:
PendingIntent On Finished	operation cance	ed.
SearchManager.OnCancelListener	Start of user-det	f ned activity
<u>searchmunager. On Dishars Listener</u>	results.	,
<u>TimePickerDialog.OnTimeSetListener</u>	Standard activit	v recult.
UnAURE Statton Kccessibility Event Filter	operation succe	i result.
UiAutomation.OnAccessibilityEventLis  Inherited Constants	<u>teher</u> [Expar	
illilerited Constants	[Ехраі	ı Jı
From class android.content.Context		_
Glasses terface android.content.Com	nponentCallbacks	£ 2
<u>ActionBar</u> Field:		
ActionBellangutflamms[] FOCUSED_S	TATE_SET	
ActionBar.Tab	<b></b>	
Activity Activity()		
A&AVYVENUP		

Public Me

API level: 19 roup.LayoutParams params) Android APIs

Add an additional content view to the activity.

android closeContextMenu()

android.accessiMnityservice

android.accounts

closeOptionsMenu() android.animationid

ons menu. android.app

android.app.admin createPendingResult (int requestCode, Intent data, int flags)

android approbackum Create a new PendingIntent object which you can hand to others for t

android.appwidget Intent) callback. android.bluetooth dismissDialog (int id)

android.content

This method was deprecated in AFI level 13. Use the new DialogFragm android.content.pm

through the Android compatibility package. android.content.res

android.database dispatchGenericMotionEvent (MotionEvent boolean android database solitecalled to process generic motion events. dispatchGenericMotionEvent (MotionEvent ev)

dispatchKeyEvent (KeyEvent event) boolean

Called to process key events.

**Interfaces** dispatchKeyShortcutEvent (KeyEv€nt event)

boolean. ActionBar.OnMenuVisik@bitkedstæpeocess a key shortcut event.

ActionBar.OnNavigations interesting pulateAccessibilityEver t (AccessibilityEvent event)

ActionBar.Tabeosteiner Called to process population of / ccessibilityEvents.

Application.ActivityLifecycleCallbacks

Application QnRroyideAssistDataListener (MotionEvent ev)

AppOpsManager.OnOp@AlfgeolPsqees touch screen events.

DatePickerDialog.On detp Steth Tsteerkerall Event (Motion Event ev)

FragmentBreadCrumbsconBreadCrumbClickListanevents.

FragmentManager.BackStackEntry dump (String prefix, FileDescriptor d, PrintWriter writer, String[] args)
FragmentManagerionBackStackChangedListener
Frint the Activity's state into the given stream.
KeyguardManager.OnKeyguardExitResult

LoaderManager Loader Sile By By d (int id)

PendingIntent.OnFinished a view that was identified by the id attribute from the XML that

SearchManager.OnCancelListener

SearchManager. Wildismiss Listener nour activity is do ne and should be closed.

<u>TimePickerDialog.OnTimeSetListener</u>
finishActivity (int requestCode)
<u>UiAutomation.AccessibilityEventFilter</u>

UiAutomation.OnAccessibilityEventaliother activity that you had previously started with sta

finishActivityFromChild (Activity child, int requestCode)

This is called when a child activity of this one calls its finishActivity().

Classes finishAffinity() void

Finish this activity as well as all activities immediately below it in the ActionBar

ActionBar.LayoutParainishFromChild (Activity child)

<u>ActionBar</u>.Tab This is called when a child activity of this one calls its finish() met

Activity

ActivityGroup A \_ \_ . . . . . . A \_ . . \_ \_ .

getActionBar() ty's ActionBar. Android APIs API level: 19 getApplication() android Application Return the application that owns this activity. android.accessibilityservice qetCallingActivity() an Chooring bacreent Name Return the name of the activity that invoked this activity. android.animation android.app Return the name of the package that invoked this activity. android.app.admin android.app.backup getChangingConfigurations () android.appwidget If this activity is being destroyed because it can not handle a configur android.bluetoothInt onConfigurationChanged(C)nfiguration) method is not being android.content occurred while in the process of being destroyed. android.content.pm getComponentName() android-content res Returns complete component name of this activity. android.database android database solitet Current Focus () Calls getCurrentFocus() on the Window of this Activity to return t getFragmentManager () Return the FragmentManager for interacting with fragments associat ActionBar.OnMenuVi**sietilittetis(e**ner ActionBar.OnNavigation design the intent that started this activity. ActionBar.TabListener et LastNonConfigurationInstance Application Activity if ecycle Callbacks Application AFI level 13. Use the new Fragment API Application.OnProvideAssistDataListener

ApplopsManager.OnOpChangedListener Fragment Bread Crumbs Con Bread Crumbs C FragmentManager.Back Stack Enternager () Fragment Manager on BackStackChanged Listener for this fragment, creating it if needed. KeyguardManager.OnKeyguardExitResult detLocalClassName() LoaderManagentLinaderCallback PendingIntent.OnFinished urns class name for this activity with the package prefix removed. Search Manager, On Caret Mersulen () SearchManager.OnDisnRiesLrissenMenuInflater with this context. TimePickerDialog.OnTimeSetListener <u>Return the parent</u> activity if this view is an embedded child. <u>UiAutomation.OnAccessibilityEventListener</u> UiAutominio A Atories sibility Event Filter Intent

Obtain an Intent that will launch an explicit target activity specified **Classes** SharedPreferences getPreferences (int mode)

Retrieve a SharedPreferences object for accessing preferences th

ActionBar.LayoutParametRequestedOrientation()

ActionBar.Tab Return the current requested orientation of the activity.

Activity

ActionBar

ActivityGroup A \_ \_ . . . . . . A \_ . . \_ \_ .

getSystemService (String name) /el service by name. Android APIs API level: 19 get i askia () android Return the identifier of the task this activity is in. android accessibility service () android.accounts android.animation android.app Gets the suggested audio stream whose volume should be changed b android.app.backup getWindow() android.appWillsew Retrieve the current Window for he activity. android.bluetooth getWindowManager() and waid contentager Retrieve the window manager for showing custom windows. android.content.pm android.content.res hasWindowFocus() android.database Returns true if this activity's main window currently has window focus android database solite ... void Declare that the options menu has changed, so should be recreated. isChangingConfigurations () Interfaces boolean Check to see whether this activity is in the process of being destroyed ActionBa<u>r.OnMenuVisibilityLi</u>stener Action**អឺវារាស់ ស្កែនុង**tionListener is this activity embedded inside of another activity? ActionBar.TabListener Application. Activity Life Cycle Calibacks Application.OnProvideAssistos ដែលទៅថ្ងៃ final onDestroy() call has been made on the Act AppOpsManager.OnQp@inashgedl()stener DatePickerDialog. On Date Set Listener whether this activit / is in the process of finishing, either FragmentBreadCrumbs.OnBreadCrumbClickListener Isimmersive ()
FragmentManageaBackStackEntry FragmentManager.OnBackStackChangedListener is "immersive" and should not be interr KeyguardManager.Orix Toyoka POE kit Result LoaderManager.LoaderBetUmacws ether this activity is the root of a task. PendingIntent.OnFinished gedQuery (Uri uri, String[] projection, String selection, String[] selec SearchManabertoncelListener was deprecated in AFI level 11. Use CursorLoader instead SearchManager.OnDismissListener TimePickerDialog On TimeSetListenerk (boolean nonRoct) UiAutomation.OnAcceasibilite/Eyeo(LinsternerpIntent) Navigate from this activity to the activity specified by upIntent, finishi navigateUpToFromChild (Activity c 11ld, Intent upIntent) boolean Classes This is called when a child activity of this one calls its navigateUpTo ActionBar onActionModeFinished (ActionMode mode) ActionBar.Layou**YPishams** otifies the activity that an action mode has finished. ActionBar.Tab

Notifies the Activity that an actic n mode has been started.

Activity

### onAttachFragment (Fragment fragment)

attached to this activity, immediately Android APIs API level: 19 rrayment.oncreate(*)*. android onAttachedToWindow() android.accessiblityservined when the main window associated with the activity has been a android.accounts onBackPressed() android.animationid cted the user's press of the back key android.app android.app.admin , onConfigurationChanged (Configuration newConfig) android.app.backup Called by the system when the device configuration changes while yo android.appwidget onContentChanged() android.bluetoothoid This hook is called whenever the content view of the screen changes android.content onContextItemSelected (MenuItem item) android.contentiam This hook is called whenever an tem in a context menu is selected. android.content.res android.database onContextMenuClosed (Menu men 1) android datahaseseliter . . . context menu is being closed (either selected). onCreateContextMenu (ContextMe ıu menu, View v, ContextMenu.Conte **Interfaces** Called when a context menu for he view is about to be shown. ActionBar.OnMenuVisibilitedtisDescription() ActionBar.OnNavigationListener a new description for this activity. ActionBar.TabListener OnCreateNavigateUpTaskStack (TaskStackBuilder builder)

Application.Activitid ifecycleCallbacks
Define the synthetic task stack that will be generated during Up navig

Application.OnProvideAssistDataListener AppOpsManager On Oអាបានគម្រួលប្រជាធិប្បនិន្នាក់ (Menu menu) DatePickerDialog.OnDalleisiatizietterecontents of the Acti/ity's standard options menu. FragmentBreadCrumba@aBreadGeumb@lickListenceId. Vienu menu) FragmentManadenBackStackEntry FragmentManager.OnBackStackChangedListener KeyguardManages OnCreate PanelView (int featureld) LoaderManager.LoaderPafeWatksplementation of onCreatePanelView(int) for activities PendingIntent.OnFinish@deateThumbnail (Bitmap outBit nap, Canvas canvas) SearchManager.OnCancelhistager new thumbnail for this activity. SearchManager.OnDismissListener OnCreateView (View parent, String name, Context context, AttributeSet a TimePickerDialog\_OnTimeSetListener
View Standard implementation of onCreateView(View, String, ConUiAutomation.AccessibilityEventFilter

View Standard implementation of onCreateView(View, String, ConUiAutomation.AccessibilityEventFilter) <u>UiAutomation.OnAccessibilityEventListener</u> onCreateView (String name, Context, AttributeSet attrs) Standard implementation of onCreateView(String, Context, Classes getSystemService(String) onDetachedFromWindow () void ActionBar ActionBar.LayoutParamcalled when the main window as sociated with the activity has been d ActionBar.Tab onGenericMotionEvent (MotionEvent event) Activity canca men a generio monon or ant was not handled by any of the vie ActivityGroup A \_ \_ . . . . . . A \_ . . \_ \_ .

onKeyDown (int keyCode, KeyEvent event) API level: 19 own and not handled by any of the vi Android APIs onkeyLongPress (Int keyCode, keyEvent event) boolean android Default implementation of KeyEvent.Callback.onKeyLongPress android.accessibilityservice onKeyMultiple (int keyCode, int rep :atCount, KeyEvent event) android.acco Default implementation of KeyE'rent.Callback.onKeyMultiple( android.animation ent event) android.app Called when a key shortcut even is not handled by any of the views ir android.app.backup onKeyUp (int keyCode, KeyEvent event) android.appwkkken Called when a key was released and not handled by any of the views i android.bluetooth onLowMemory() android.content void This is called when the overall system is running low on memory, and android.content.pm android.content.res onMenuItemSelected (int featureId MenuItem item) android.database Default implementation of onMenuItemSelected(int, MenuItem android database solite ມ menu) boolean Called when a panel's menu is or ened by the user. onNavigateUp() Interfaces boolean This method is called whenever the user chooses to navigate Up with ActionBar.OnMenuVisibilityListenerFromChild (Activity child) ActionBar.On MakeationListener This is called when a child activity of this one attempts to navigate up ActionBar.TabListener Application Activity People முதிக்கை elected (Menultem item) Application.On Provide Asia to all is stalled whenever an tem in your options menu is selected AppOpsManager.OnOp Charinges WisherOsto sed (Menu men J) <u>DatePickerDialog வெற்கு SetListerer</u>alled whenever the options menu is being closed (either FragmentBreadCrumbs\_QnBreadCrumbClickListener FragmentManager.BackStackEntry
OiPanelClosed (int featureld, Menu menu)
FragmentManagerinnBackStackChangedListener
KeyguardManager.OnKeyguardExitResult <u>LoaderManager.Loaden®affbartk\s</u>avigateUpTaskStack(TaskStackBuilder builder) PendingIntent.OnFinished pare the synthetic task stack that will be generated during Up navi SearchManager.OnCancell isterestionsMenu (Menu menu) SearchManage GADismissListener Screen's standard or tions menu to be displayed. TimePickerDialog.OnTimeSetListener UiAutomation Accessibility Event Filter <u>UiAutomation.OnAcces Perandicional ensergentation of onPreparePanel(int, View, Menu)</u> onProvideAssistData (Bundle data) This is called when the user is requesting an assist, to build a full ACT **Classes** onRetainNonConfigurationInstance() ActionBar Object This method was deprecated in AFI level 13. Use the new Fragment API ActionBar.LayoutParamarough the Android compatibility package. ActionBar.Tab onSearchRequested () Activity rins nook is called when the use signals the desire to start a search. ActivityGroup

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onTouchEvent (MotionEvent event) API level: 19 t was not handled by any of the view Android APIs

on i rackpailevent (Motionevent event)

boolean android Called when the trackball was moved and not handled by any of the vi android.accessibilityservice on TrimMemory (int level)

android.account soid Called when the operating system has determined that it is a good tin

android.animation

android.app

Called whenever a key, touch, or rackball event is dispatched to the a android.app.admin <u>android.app.backup</u> onWindowAttributesChanged (Win-lowManager.LayoutParams params)

android.appwiddelid This is called whenever the current window attributes change.

android.bluetooth

onWindowFocusChanged (boolean hasFocus)

android.content void android.content.pm

Called when the current Window of the activity gains or loses focus.

<u>android.content.res</u> onWindowStartingActionMode (Ac ionMode.Callback callback)

android.database Give the Activity a chance to control the UI for an action mode reques android database solite

void

Programmatically opens the con:ext menu for a particular view.

openOptionsMenu()

**Interfaces** 

Programmatically opens the options menu.

ActionBar.OnMenuVisibilityListenengTransition (int enterAnim, int exitAnim)

ActionBar.OnNa**vois**tionListener Call immediately after one of the flavors of startActivity(Intent ActionBar.TabListener

Application. Activity Life CV albacks

Application.OnProvide Assist this Astinity to be recreated with a new instance.

AppOpsManager.OnOpGisanged Listener Menu (View view)

DatePickerDialog. On DateSetListener ontext menu to be shown for the given view (multiple vie FragmentBreadCrumbs.OnBreadCrumbClickListener removeDialog (int id) FragmentManager,BackStackEntry

FragmentManager.OnBackStackChangedListener in AFI level 13. Use the new DialogFragm KeyguardManager.OnKeyguardExitResignd compatibility package.

LoaderManager.Load@pattfullk@rawn()

PendingIntent.OnFinisheeport to the system that your a p is now fully drawn, purely for diag-

SearchManager.OnCancellintendowFeature (int feature d)

Search Manager GAD is miss Listener Linable extended window features. TimePickerDialog.On TimeSet Listener

UiAutomation Accessibility Event Filter

UiAutomation.OnAcces Hinfit Present if the action on the UI thread.

setContentView (int layoutResID)

Set the activity content from a layout resource.

Classes setContentView (View view)

Set the activity content to an explicit view.

ActionBar.LayoutParasescontentView (View view, ViewGroup.LayoutParams params)

<u>ActionBa</u>r.Tab Set the activity content to an extlicit view.

**Activity** 

ActionBar

ActivityGroup A \_ \_ . . . . . . A \_ . . \_ \_ .

```
... setDefaultKeyMode (int mode)
                                        API level: 19 or this activity.
Android APIs
                    setreature μrawapie (int teatureig, Γ)rawable drawable)
          final void
android
                      Convenience for calling setFearureDrawable(int, Drawable).
android.accessibilityservice
setFeatureDrawableAlpha (int featureId, int alpha)
android.acdountsoid
                      Convenience for calling setFearureDrawableAlpha(int, int).
android.animation
                                                      eatureld, int resld)
android.app
android.app.admin
                      Convenience for calling setFearureDrawableResource(int, in
android.app.backup setFeatureDrawableUri(int feature d, Uri uri)
android.appfimiadovectid
                      Convenience for calling setFearureDrawableUri(int, Uri).
android.bluetooth
android.content void
                    setFinishOnTouchOutside (boolear finish)
                      Sets whether this activity is finis ned when touched outside its window
android.content.pm
android.content.res. setImmersive (boolean i)
android.databas&oid
                      Adjust the current immersive mode setting.
android datahasa salita
               void
                      Change the intent returned by getIntent().
Interface and void setProgress (int progress)
                      Sets the progress for the progress bars in the title.
ActionBar.TabListener Sets whether the horizontal progress bar in the title should be indeter
Application, Activity Life th costs and additional activity (boolean visible)
Application. On Provide Asstist the tails is the total the indeterminate progress bar in the title.
AppOpsManager.On្សាស្រ្តាក់ក្នុងខ្លួនទីទី២ប៉ុន្តាibility (boolean visible)
<u>DatePicker的 Mode DateSetListener</u> lity of the progress bar in the title.
FragmentBreadCrumbs.OnBreadCrumbClickListener

FragmentManager; BackStackEntry

FragmentManager; BackStackEntry
FragmentManager.OnBackendesited is tientation of this activity.
KeyquardManager.QnsicterRepsultifExittressultCode)
Tinar yold LoaderManager.LoaderCallbacks set the result that your activity will return to its caller.
PendingIntent.OnFinished settlesult (int resultCode, Intent da a)
SearchManager.OnDismissListener
SearchManager.OnDismissListener
TimePickerDialog On ระหรือรถาปลามาการตร (int second ryProgress)
UiAutomation.Accessib in the sementary progress for the progress bar in the title.
UiAutomation.OnAccestibilet(intventelistener
                      Change the title associated with this activity.
                    setTitle (CharSequence title)
Classes
                      Change the title associated with this activity.
ActionBar
               void setTitleColor(int textColor)
ActionBar.LayoutParams isible (boolean visible)
ActionBar.Tab void
                                       in window is visible.
Activity
ActivityGroup
```

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```
.. setVolumeControlStream (int streamType)
                                                                       API level: 19 : volume should be changed by the h
Android APIs
                                    snoulguprecreate lask (intent targetIntent)
                     boolean
android
                                        Returns true if the app should recreate the task when navigating 'up' f
android.accessibilityservice
showbialog (int id, Bundle args)
android accounts
final boolean
android animation
                                        This method was deprecated in AFI level 13. Use the new DialogFragm
                                                                                                package.
android.app
                                    showDialog (int id)
android.app.admin
android.appibackoid
                                        This method was deprecated in AFI level 13. Use the new DialogFragm
android.appwidget
                                        through the Android compatibility package.
android.bluetooth
                                    startActionMode (ActionMode.Call back callback)
android. A 6 tipen Mode
                                        Start an action mode.
android.content.pm
                                    startActivities (Intent[] intents, Bun lle options)
android.content, resi
                                        Launch a new activity.
android.database
android datahase solitart Activities (Intentil intents)
                                        Same as startActivities (Intent[], Bundle) with no options
                                    startActivity (Intent intent)
Interfaces
                                        Same as startActivity(Intent, Bundle) with no options spec
ActionBar.OnMenuVisitaittyctistien (Intent, Bundle options)
ActionBar.OnNavigationListenes new activity.
ActionBar.TabListener StartActivityForResult (Intent inten , int requestCode)

Application.ActivityLifecycleCallbacks
Same as calling startActivityForResult(Intent, int, Buncapplication.OnProvideAssistDataListener
AppOpsManager.On செர்க்கு பெரு கூடிக்கு விருந்தை இது பிருந்தை பிருந்து பிர
<u>DatePickerDialog.OnDalteSethistanæetivity</u> for which you would like a result when it finished.
<u>FragmentBreadCrumbs பூகரேவரிசு புருந்தியுக்கார்</u> chi d, Intent intent, int requestCode, Bun
FragmentManageriBackStackEntry
FragmentManager.OnBackStackChangedListener
KeyguardManager, OnkeyguardExitResult (Activity chi d, Intent intent, int requestCode)
LoaderManager.Loader@ampaer.calling startActivityFromChild(Activity, Intent
PendingIntent.OnFinishatActivityFromFragment (Fragment fragment, Intent intent, int reques
SearchManager. Of Cangellaisten and when a Fragment in this activity calls its startActivi
SearchManager.OnDismissListener
start Activity From Fragment (Fragment, Intent intent, int reques TimePickerDialogo On TimeSetListener
UiAutomation.Accessibanevas அழிந்த startActivityFromFragment(Fragment, Int
UiAutomation.OnAccetaritAitivEivelfiNeistlande/Intent intent int requestCode, Bundle options)
                                        A special variation to launch an a ctivity only if a new activity instance
                                    startActivityIfNeeded (Intent intent int requestCode)
                     boolean
Classes
                                        Same as calling startActivityIfNeeded(Intent, int, Bund
ActionBar
                                    startIntentSender (IntentSender intent, Intent fillInIntent, int flagsMask,
ActionBar.LayoutParamske startActivity(Intent, Bundle), but taking a IntentSende
ActionBar.Tab
                                                                          Rundle) for more information.
Activity
ActivityGroup
```

```
startIntentSender (IntentSender intent, Intent fillInIntent, int flagsMask,
                                        API level: 19 ender(IntentSender, Intent,
Android APIs
                    startIntentSenderForResult (IntentSender intent, int requestCode, Intent
               void
android
                      Like startActivityForResult(Intent, int), but allowing you
android.accessibilityservice
startintentSenderForResult (IntentSender intent, int requestCode, Intent
                      Same as calling startIntentSenderForResult(IntentSender
android.animation
android.app
                                                      y child, IntentSender intent, int reque
android.app.admin
                      Same as calling startIntentSenderFromChild(Activity, In-
android.app.backup
                   startIntentSenderFromChild (Activity child, IntentSender intent, int reque
android.appwidget
                      Like startActivityFromChild(Activity, Intent, int), but
android.bluetooth
                      int, Intent, int, int, int) for more information.
android.content
android.content.pm startManagingCursor(Cursor c)
android.content.reid
                      This method was deprecated in AFI level 11. Use the new CursorLoade
android.database
                      the Android compatibility package
android database solite
                                                     ntent)
           boolean
                      Same as calling startNextMatchingActivity(Intent, Bundle
                    startNextMatchingActivity (Intent intent, Bundle options)
Interfaces oolean
                      Special version of starting an activity, for use when you are replacing
ActionBar.OnMenuVisibilityListener initialQuery, boolean selectInitialQuery, Bundle appSo
ActionBar.OnNavioistionListener \(\) is called to launch the search UI.
ActionBar.TabListener
Application. Activity Life ON Managing (Rursor (Cursor c)
Application.OnPYOWIdeAstis not to ade Application.OnPYOWIdeAstis not to a deprecated in AFI level 11. Use the new CursorLoade
AppOpsManager.OnOpOhaAgettlictenepatibility package
DatePickerDialog.On PateRet/Fistemer boolean get)
FragmentBreadCRImbs-QnBreadCrumbClickListenere to this activity.
FragmentManager.BackStackEntry
TragmentManager:BackStackEntry
FragmentManager:BackStackChangedListener
KeyquardManager.OnKeyquardexithesult
LoaderManager.LoadenCediisaetForContextMenu (View v ew)
PendingIntent.OnFinishadevents a context menu to be s nown for the given view.
SearchManager.OnCancelListener
Protected Methods
SearchManager.OnDismissListener
TimePickerDialog.On TimeSetListener
UiAutamaមិខ្យាច់នេះទេវាច្រើនដល់នៅរុប្រាប់ក្រាប់ក្នុងពេលក្រុម exits, giving you the
UiAutomatest est Redessellister ted it with the result Cod : it returned, and any
         additional data from it.
       onApplyThemeResource (Resources.Theme theine, int resid, boolean first)
ClasisesCalled by setTheme(int) and getTheme() to apply a theme
ActionBar<sup>resource</sup> to the current Theme object.
Action Ban Caile Tipa Changed (Activity child Activity, Char Sequence title)
ActionBan Cata te (Bundle savedInstanceState)
Activity
ActivityGroup
A _ ± ! . . ! ± . . N A _ . . . _ . . . .
```

#### onCreateDialog (int id)

```
API level: 19 o-arguments version of
 Android APIs
                     onercatebratog(Int, Danate).
android on Create Dialog (intid, Bundle args)
android.acqessibilityaevyicaeprecated in API level 13. Use the new
and of accounts Fragment class with Fragment Mana jer instead; this is also
android.animation on older platforms through the Androic compatibility package.
android.app
androj d.app.admin
android.app.backupny final cleanup before an activity is destroyed.
 android and swidntent (Intent intent)
 android.bluetsothcalled for activities that set launchMor e to "singleTop" in their
 android.comatekeage, or if a client used the FLAG ACTIVITY SINGLE TOP flag
 android.comhentaming startActivity(Intent).
android content res
android database
android database
android database as part of the activity lifecycle when an activity is going into
                      tile buokground, but huo hot (yet) been kined.
                 onPostCreate (Bundle savedInstanceState)
Interfaces Called when activity start-up is complete (after on Start () and
                      onRestoreInstanceState(Bundle) have been called).
 ActionBar.QnMenuVisibilityListener
ActionBar.OnNavigationListener
void Called when activity resume is complete (after onResume() has ActionBar TabListener
Application Activity Lifecycle Callbacks
Application repare Dialexas (institute Dialexas dialog)
 AppolipisMahagaetho@p@aadepodciatecher API level 8. Old ro-arguments version of
 <u>DatePickenDiaheapanDatieSleotbistienter</u> Dialog, Bundle).
FragmentBreadCrumbs OnBreadCrumbClickListener of the repare Dialog (Int id, Dialog dialog, Bundle arc s)

FragmentManager.BackStackEntry
This method was deprecated in API level 13. Use the new
FragmentManager.OnBackStackEntry
DialogFragment class with FragmentManager instead; this is also KeyguardManager.OnKeyguardExitResult
available on older platforms through the Androic compatibility package.
LoaderManager.LoaderCallbacks
 Pending Attent of the Pending Attention of the
 SearoidMaGalled @fica poolitionel when the current activity is being re-displayed
 Search Matroather. Osne Distrimes stestle as mavigated back to it)
TimePickerDialog On TimeSortate (Buerdle savedInstance State)
UiAutomation Accessibility Event Filter nStart () when the activity is being
UiANNemation On Accessibility Event Listener re-initialized from a previously saved state, given here in
                      savedInstanceState.
Classes on Resume ()
                     Called after onRestoreInstanceState(Buidle), onRestart(),
ActionBar or onPause (), for your activity to start interacting with the user.
ActionBar.LayoutParams
onSaveInstanceState (Bundle outState)
ActionBar.Tab
                                                                                                                          ctivity before being
ActivityGrbupd so that the state can be restored in onC eate (Bundle) or
```

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### onRestoreInstanceState(Bundle) (the Bundle populated by

Android APIs

API level: 19

บทอเลเน

android Called after on Create (Bundle) — or after on Restart () when the android.accesនរៀបដែរថា នាសម័ណ្ឌ stopped, but is now again being displayed to the android.accounts

android.animation

android.app

Called when you are no longer visible to the user.

and with aphitechanged (CharSequence title, int color)

android.camplubsveid.cecetveHint()

and routd. bloatle of the activity lifecycle when an activity is about to go android.contente background as the result of user choice.

android.content.pm Inherited Methods

[Expand]

android.content.res

android.databasedroid.view.ContextThemeWrapper

ചിപ്പെടുപ്പെടുക്കുള്ള പ്രവേശം വിധാന പ്രവേശം പ

- From class android.content.Context
- From class java.lang.Object

Interfaces rface android.content.ComponentCallback;

Act For Bair than from an signify angle ne Component Callback 32

<u>Arction Bain De Maviganio no lids viener</u> Key Event. Callback

Action Barn Tablastened roid.view.LayoutInflater.Factory

Application Activity Lifecycle Callbacks
From Interface android view Layout Inflater. Factory 2
Application On Provide Assist Data Listener

Approximater face and reid view Piew On Create Context N enu Listener

Date Print in Deiglace Camplage's wite vis Winedow. Callback

FragmentBreadCrumbs.OnBreadCrumbClickListener

FragmentManager.BackStackEntry

ragment Wanager. On Back Stack Changed Listener

KeyguardManager.OnKeyguardExitResult

LoaderManager.LoaderCallbacks

Pronding Internet Cinations to DEFAULT KEYS DIALER

Added in API level 1

SearchManager.OnCancelListener

Seal Samith set De faulit Key Hode (int) (/reference/a idroid

Tim/ePii/ketriDitaloot:@h/sirthesSetLtsterMede(int)) to launch the dialer during

UiAdetamatken.AandaaibilityEventFilter

UiAutomation.OnAccessibilityEventListener

See Also

setDefaultKeyMode(int)

Classesant Value: 1 (0x00000001)

ActionBar

ASTISTIC PROPERTY DEFAULT\_KEYS\_DISABLE

Added in API level 1

ActionBar.Tab

Activity/acousty.html#setDefaultKeyMode(int)) to turn off clefault handling

of keys.

Android APIs

API level: 19

setDefaultKeyMode(int)
android

and one tente valuation (experience)

android.accounts

android animation lint

android.app

Added in API level 1

android.app.admin

and beich shat Reefault Key Mode (int) (/reference/a idroid

android appwidget ml#setDefaultKeyMode(int)) to specify that unhandled

android: bluetowth start a global search (typically web search, but some and not content v define alternate methods for global scarch)

android.content.pm

and edarchtenthrespp. Search Manager (/reference/android

android databaseger.html) for more details.

android database solite

See Also

setDefaultKeyMode(int)

Interfaces Value: 4 (0x00000004)

ActionBar.OnMenuVisibilityListener

<u>AgtionBarOnNavigationListener</u>

Andripa Bart Rothister SEARCH\_LOCAL

Added in API level 1

Application.ActivityLifecycleCallbacks

Aphleewith Get Derfoundst Kern Mosta (tient) (/reference/a idroid

AppansManagerமாசுமைக்கும் Appans (Appans Manager மார் Appans Manager மாசும் Appans (Appans Manager மாசும் Appans Manager மாசும் Appans (Appans Manager மாசும் Appans Manager மாசும் Appans (Appans Manager மாசும் Appans (Appans Manager மாசும் Appans (Appans Manager மாசும் Appans (Appans Manager Company (Appans (Appans

DateRisketDialogiQnDateSathristentern-defined search. (If the application

FragmentBreadGrumbs On BreadGrumb ClickListenethe Levs will be

Fragmont Manager. Back Stack Entry

FragmentManager.OnBackStackChangedListener

KevSaceading an ader and the compact the compact of the compact of

Loaden Meanagnean Loaden Gall Board Propore details.

PendingIntent.OnFinished

Search MIsroager. On Cancel Listener

Seare In Meafrang Et. Qn Dikomlie & Listener

TimePickerDialog.OnTimeSetListener

UiAutomation.AccessibilityEventFilter

UiAutomation.OnAccessibilityEventListener

public static final int **DEFAULT KEYS SHORTCUT** Added in API level 1

Use with setDefaultKeyMode(int) (/reference/a ndroid

/app/Activity.html#setDefaultKeyMode(int)) to execute a menu shortcut

Action Berult key handling.

ActionBar.LayoutParams

ActTonaBer, Tab user does not need to hold down the mer u key to

**Activity** 

ActivityGroup A \_ ± !. . ! ± . . B A \_ . . \_ \_ . . . .

#### See Also

Android APIs API level: 19

Constant Value: 2 (0x00000002)

android

android.accessibilityservice public static final int RESULT\_CANCELED android.accounts

android animation v result: operation canceled.

android.app

androidstand. Mathier 0 (0x00000000)

android.app.backup

android appwidget | int RESULT\_FIRST\_USER android bluetooth

and taid convert defined activity results.

android.content.pm

and the network that the state of the state

android.database

andraid deterbase solitencourt ou

Added in API level 1

Standard activity result: operation succeeded.

Interfaces Value: -1 (0xffffffff)

ActionBar.OnMenuVisibilityListener

ActionBar.OnNavigationListener

Adie de r. TabListener

Application.ActivityLifecycleCallbacks

Application.OnProvideAssistDataListener

Approve the distation finating the second state of the second sec

DatePickerDialog.OnDateSetListener

FragmentBreadCrumbs.OnBreadCrumbClickListener

Pagholart Managet Back Starck Entry

FragmentManager.OnBackStackChangedListener

KeyguardManager.OnKeyguardExitResult

Louadin Mactaviety Loader Callbacks

PendingIntent.OnFinished

SearchManager.OnCancelListener

Parel Manager Applismiss Listener

UiAutomation.AccessibilityEventFilter

<u> Lightematign and Genesibility vanishis tenevi</u>

ViewGroup.LayoutParams params)

Added in API level 1

Classes additional content view to the activity. Added after any existing ones in the activity -- existing views are NOT removed.

ActionBar

Ac**tPandametters**outParams

ActionBar, Tab The desired content to display

Activity

Activity Group Layout parameters for the view.

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```
public void closeContextMenu ()
                                                               Added in API level 3
Android APIs
                                             API level: 19
                                                              ontext menu, if
   showing.
android
android.accessibilityservice
ျားများမြူ နှုစ်မြှင့်မြန်ဝေptionsMenu ()
                                                               Added in API level 1
android animation welcoos the entions many lifthe entions menu is
android.app
anicauy closed, this method does nothing.
android.app.admin
android.app.backup
apulblig Repiding Intent create Pending Result (int
arequestCodeoIntent data, int flags)
                                                               Added in API level 1
android.content
Create a new PendingIntent object which you can hand to others for android.content.pm
Them to use to send result data back to your android.content.res
ONACTIVITYRESULT(int, int, Intent) (/reference/android
and app (Activity html #op Activity Result(int, int, and roid.content.Intent))
   campack. The created object will be either one-shot (recoming invalid
   after a result is sent back) or multiple (allowing any rumber of
Interfaces it).
Action Bar Off Menu Visibility Listener
Action Ban On Navigation bistered est code for the sender that will be
ActionBar.TabListenas sociated with the result data when it is
Application. Activity Life grand a Calle action of modif this value.
Application.OnProvideAssist Data Lositement fy incoming results.
AppOpsManager.OnOpChangedListener
Default data to supply in the result, which may
DatePickerDialog.OnDateSetListener
be modified by the sender.
FragmentBreadCrumbs.OnBreadCrumbClickListener
Fragmentinanager.BMayStackentry
FragmentManager.On Badk 96 Jakt Bata Ed AG LAND CREA E,
Keyguard Manager, OR Radding International LAG CANCEL CURRENT,
LoaderManager.Loadentalibadestent.FLAG UPDATE (:URRENT, or
PendingIntent.OnFinasilyed the flags as supported by
SearchManager.OnCantelLtstenderlIn() to control which
SearchManager.OnDisproisslifiste ments of the intent that can be
TimePickerDialog.OrsTipmeiSetWisternere actual send happens.
UiAutomation.AccessibilityEventFilter
UiAutomation.OnAccessibilityEventListener
   Returns an existing or new PendingIntent matching the given
   parameters. May return null only if
ClassingIntent.FLAG_NO_CREATE has been supplied.
Action Baro
ActRengain Globustans
ActionBar.Tab
                                                               Added in API level 1
                 na aisinisseiaiog (int ia)
ActivityGroup
```

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## This method was deprecated in API level 13.

Android APIs API level: 19 er (/reference and poptroid/app/FragmentManager.html) instead; this is also available on and loiet adates in it is senote the Android compatibility package. android.accounts and Dismiss a dialog that was previously shown via show Dialog(int) android.app android.app.admin android abb backup android.appheidaet the managed dialog. android.bluetooth android.content androlle cadAtentment Exception if the id was not previously shown android.content.res via showDialog(int). android.database an SECALSPahasa salita oncreateDialog(int, Bungle) onPrepareDialog(int, Dialog, Bundle) IntshowDialog(int) removeDialog(int) ActionBar.OnMenuVisibilityListener ActionBar.OnNavigationListener Apylolig pople อาเปรียบ เลือง AMOLIONEVARI; €YV LifecycleCallbacks Added in API level 12 Application On Provide Assist Data Listener.

Called to process generic motion events. You can override this to Appops Manager On Op Changed Listener intercept all generic motion events before they are dispatched to the Date Picker Dialog On Date Set Listener window. Be sure to call this implementation for gene ic motion Fragment Bread Crumbs On Bread Crumb Click Listener events that should be trained normally.

Fragment Manager Back Stack Entry Framment Manager. On Back Stack Changed Listener KeyguardManager.OnKeyguardExitResult LoaderManager.LoaderCallbacks Pempling Instent. On Finished SearchManager On Cancell istenent was consumed. SearchManager.OnDismissListener TimePickerDialog.OnTimeSetListener UNABLISTAN CLISPATCH KOVENONT (Key Event event | Added in API level 1 UiAutomation On Accessibility Event Listener Called to process key events. You can override this to intercept all key events before they are dispatched to the window Be sure to call this implementation for key events that should be handled normally. Classes Parameters ActionBar Action Bat. Lay The Remarks nt. <u> ActionBar.Tab</u> Activity Activity Group

### public boolean dispatchKevShortcutEvent

Added in API level 11 API level: 19 Android APIs

Called to process a key shortcut event. You can over ide this to android intercept all key shortcut events before they are disp atched to the android accessibilityserylchis implementation for key shortcut events android accounts handled normally.

android.animation

android.app

android.app.admin event The key shortcut event. android.app.backup

and Retidrals pwidget

android blustoothnt was consumed.

android.content

android.content.pm

public boolean dispatchPopulateAccessibilityEven t

(AccessibilityEvent event)

Added in API level 4

android database solite . . .

nt (/reference

/android/view/accessibility/AccessibilityEvent.html)S.

#### Intentaces:

Action দেৱা Con Men a Vesibility Listener

ActionBar.OnNavigationListener Returns ActionBar.TabListener

Application. Activity lifecycle campacks tion was completed.

Application.OnProvideAssistDataListener

Anadirs Manker distrator Touch Event (Motion Event

DatePickerDialog.OnDateSetListener

Added in API level 1

FragmentBreadCrumbs.OnBreadCrumbClickListener

Fragalled to arrages Backstask rechyevents. You can over ide this to Fraightenendallatel. ปกายสะครายสะครายสายเปลื่องเล่าสาย disr atched to the

KeyYindow Beasuredoke Uthis Explane Intain for touch screen events

Loabet Many Gebe bandled in barchelly.

PendingIntent.OnFinished

SearchManager.OnCancelListener

Sear@MManagetoonbisonessLeventer

<u>TimePickerDialog.OnTimeSetListener</u> **Returns** <u>UiAutomation.AccessibilityEventFilter</u>

UiAutomation. On Accessibility Event was consumed.

# public boolean dispatchTrackballEvent

**Classisces**Event ev)

Added in API level 1

ActionNearto process trackball events. You can override this to intercept Action Batklay out Parame fore they are dispatched to the window. Be Action Bas Tall this implementation for trackball events that should be **Activity** 

ActivityGroup

#### **Parameters**

Android APIs API level: 19

**Returns** android

android.accessibilityservice event was consumed.

android.accounts

and bid an in ation (String prefix, File Descriptor fd,

android.app

Added in API level 11

android.app.admin

and rint the Activity's state into the given stream. This cets invoked if and Mid.up "adb shell dumpsys activity <activity\_compo rent\_name>".

android.bluetooth android.content

andrometiontelesined prefix to prepend at each line of output.

android content saw file descriptor that the dump is being sent to.

android database android database solite.

additional arguments to the dump request. args

# **Interfaces**

Apublic Liet id)

Added in API level 1

ActionBar On Navigation liatenmied by the id attribute from the XML that

ActionBarTablistenernCreate(Bundle) (/reference/indroid Application.ActivityLifecycleCallbacks / Application.OnProvideAssistDataListener

AppOpsManager.OnOpChangedListener

DatePickerDialog.OnDateSetListener

The view if found or null otherwise

FragmentBreadCrumbs.OnBreadCrumbClickListener

FragmentManager.BackStackEntry

Houding world finish On Back Stack Changed Listener

Added in API level 1

KeyguardManager.OnKeyguardExitResult

Call this when your activity is done and should be clc sed. The Loader Manager Loader Callbacks Activity Result is propagated back to whoever launched you via

SearchManager UnCancelListener

SearchManager.OnDismissListener

<u>Tombe Pickei Difilors DActive Settins teeren</u>est Code)

Added in API level 1

UiAutomation.AccessibilityEventFilter

UiA Ling the previously started with startActivityForResult(Intent, int) (/reference/android

/app/Activity.html#startActivityForResult(android.content.Intent,

#### Classes

## Action Bareters

ActionBar.LayoutParams

ActionBal. lab The request code of the activity that you had · · · · · · · · · - - · · · · here are

**Activity** 

multiple activities started with this equest

ActivityGroup A \_ \_ : . . : \_ . . A \_ . . \_ . .

01/14/2014 04:23 PM

code, they will all be finished.

Android APIs API level: 19

## public void finishActivityFromChild (Activity child,

android android.accessibilityservice

Added in API level 1

and its coallest sylven a child activity of this one calls it: andinoisharoithaition

android.app

andrarametersumin

android.appdbackup The activity making the call.

android.appwidget android.bluetooth

Request code that had been used to start the activity.

android.content

android.content.pm

# android cointenties Affinity ()

Added in API level 16

android.database

anកីក្រាស្រង់អង្គនេងទៀបរួម well as all activities immediate y below it in the current task that have the same animity. This is typically used when an application can be launched on to another task (such as from an ACTION\_VIEW of a content type it understands) and the user has

Interfaces used the up navigation to switch out of the current to sk and in to its Action retain Mehio/osibelit/theterser has navigated down into any other Action Biting roll this spoon is templication, all of those should be removed ActironBaheatriginehtersk as part of the task switch.

Application.ActivityLifecycleCallbacks

Application this tinish does not allow you to deliver results to the Appropsidation and an exception will be thrown if you are trying to DatePickerDialog.OnDateSetListener

FragmentBreadCrumbs.OnBreadCrumbClickListener

From the note of the first state of the stat

Added in API level 1

FragmentManager.OnBackStackChangedListener

KeVhia เลเลล และ เลเลล เลเลล

Loader Manna endonaite e Calles to the default

PenindipleIntentaClofisished calls finish() on this activity (he parent),

Seaincis Mianather Ont Concollus tener

SearchManager.OnDismissListener

Timerare log. On Time Set Listener

UiAutomation Accessibility Event Filterall

UiAutomation.OnAccessibilityEventListener

See Also

finish()

#### Classes

# Apublic ActionBar getActionBar ()

Added in API level 11

ActionBar.LayoutParams Retrieve a reference to this activity's ActionBar. ActionBar.Tab

Activity

ActivityGroup Activity's ActionBar, or null if it does not have on a.

public final Application **getApplication** ()

```
Added in API level 1
Android APIs
                                            API level: 19
android
அயுப்படு ஹேஹ்ஹ்க்கால் ()
                                                             Added in API level 1
android accounts
Return the name of the activity that invoked this activity. This is who
android animation
/app/Activity.html#setResult(int)) will be sent to. You can use this android.app.admin
android appear to validate that the recipient is allowed to receive the
andlata:appwidget
android.bluetooth
Note: if the calling activity is not expecting a result (that is it did
android.content.pm
android.content.pm
(//reference/android
android.content.res
android.content.Intent,
and raint Mafemedhatineludes a request code), then the calling package
   will be null.
   Returns
   The ComponentName of the activity that will receive your reply, or
ActionBanoneenuVisibilityListener
ActionBar.OnNavigationListener
ActionBar TabListener
public String getCallingPackage ()
Application.ActivityLifecycleCallbacks
                                                             Added in API level 1
Application On Browide Assist Datalestand hooked this ac ivity. This is
App Ops Manager, On Op 6 banged Listenere rence / and roid
DatePickerDialog.OnDateSetListener will be sent to. You can use this
FragmentBreadCrumbs.OnBreadCrumbClickListener information to validate that the recipient is allowed to receive the FragmentManager.BackStackEntry
FragmentManager.OnBackStackChangedListener
KeygwardManagerannKeygwardExitResexbecting a result (that is it did
Loader Manager Loader Qad backty For Result (Intent, int)
Pendinglatent.OnFinished
SearchManager.OnCancelListener
/app/Activity.html#startActivityForResult(android.cc ntent.Intent, SearchWanager.OnDismissListener
Time pint) form that includes a reguest code), then the calling package
UiAut Matton! Accessibility Event Filter
UiAutomation.OnAccessibilityEventListener
Note: prior to JELLY BEAN MR2 (/reference/andro d
     /os/Build.VERSION CODES.html#JELLY BEAN MR2), the result from this
Classes od was unstable. If the process hosting the calling package
     was no longer running, it would return null instead of the proper
Action Retage name. You can use getCallingActivi y()
ActionBarLayoutParams, app/Activity.html#getCallingActivity()) and
ActionBar.Tab
Activity
```

The package of the activity that will receive your reply, or null if

Android APIs API level: 19

# andbid int getChangingConfigurations ()

Added in API level 1

Added in API level 1

android.accessibilityservice

If this activity is being destroyed because it can not I andle a

configuration parameter being changed (and thus its android animation

android.app

and roid Antiovista Chanleon Configuration Changed (and roid.cont ent.res.Configur and maid approve tidget is not being called), then you can use this method to android bluetoothet of changes that have occurred while in the process and note that there is no guarantee that these will be android contentemenances could have happened at any time), so you and noid reportant sesthis as an optimization hint.

android.database

an Raturnstahasa salita

Returns a bit field of the configuration parameters that are changing, as defined by the Configuration class.

### Interfaces

# Apublic ComponentName getComponentName ()

ActionBar OnNavigationListener name of this activity.

ActionBar.TabListener

Application. Activity Lifecycle Callbacks

Application the considere compatible for this activity

AppOpsManager.OnOpChangedListener

DatePickerDialog.OnDateSetListener

Added in API level 1 HPADMenterwaget CHIBERT FOR SIC umb Click Listener

Fragment Manager Back Stack Entry
Calls get Current Focus () (/reference/android
Fragment Manager On Back Stack Changed Listener

/view/Window.html#get Current Focus ()) on the Window o this Activity to
Keyguard Manager On Keyguard Exithes ult

LoadthWahachireathricambacksiew.

PendingIntent.OnFinished

SearchManager.OnCancelListener

Search Manager On Dismiss Listener

Tin Sælei & Hs o Dialog. On Time Set Listener

UiAutemation AccessibilityEventFilter

<u>UiAutematien AnaccessibilityEventListener</u>

# public FragmentManager getFragmentManager () Added in API level 11

Act Betwan the FragmentManager for interacting with fra ments ActasaBaiatadwithathia activity.

ActionBar.Tab

A \_\_\_\_\_\_

**Activity** Activity Group

Added in API level 1

Return the intent that started this activity.

```
Android APIs
                                                                                 API level: 19
public <u>Object getLastinonConfigurationInstance</u> () Added in API level 1
android
and his metaggimas deprecated in API level 13.
and Section (/reference/android/app/Fragment.html) API
andreitRertiariatIonstance(boolean) (/reference/android
android.app
                                                                                                              ; this is also
a<mark>ndroid ann ad wid</mark>er platforms through the Android con patibility
android app.backup
android.appwidget
and retrieble theorem instance data that was previously
andeoidrocontenonRetainNonConfigurationInstan:e()
android contentamid
android content resultan NonConfigurationInstance()) This will be
android database android database solite

android database solite

Start()
        <u>app, necryrey mememoner cace (anar oranos panace, ,</u> ana <u>c. |Start()</u>
      (/reference/android/app/Activity.html#onStart()) calls to the new
      instance, allowing you to extract any useful dynamic state from the previous instance.
ActionBar.OnMenuVisibilityListener
Actions the Maran you settleve here should only be used as an
Action Bar Table Stenendling configuration changes. You should always
Application Abandle retinge and application and an activity must
Applicated through the normal
Apposame Instance State (Bundle), (/reference/andioid
DatePix Ket Diato d to for Section is the condition of the length of the
Frammenda Birsand Covern bifst Diss Everect Coronnels Colice his tener
FragmentManager.BackStackEntry
Fraget Lift Manager. On Back Stack Changed Listener
Ke Pretained three objects the evident Externed by
Loach Regraman Non Cachefic gulract kison Instance ().
PendingIntent.OnFinished
SearchManager OnCancelListener
public LayoutInflater getLayoutInflater ()
SearchManager.OnDismissListener
                                                                                                                Added in API level 1
Time Picker Dialo to On Time Settistement Inflater() (/ reference/android
UiAutomation AccessibilityEventEilter )
UiAutomation.OnAccessibilityEventListener
 public LoaderManager getLoaderManager ()
                                                                                                     Added in API level 11
Classes the LoaderManager for this fragment, creating it if needed.
ActionBar
45tion8 Sthaw uttleast ClassName ()
                                                                                                                Added in API level 1
ActionBar.Tab
Action word his is the default name used to read and virite settings.
```

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#### Returns

Android APIs API level: 19

and boild Menuinflater getMenuinflater ()

Added in API level 1

android.accessibilityservice

and Both rasca MenuInflater (/reference/android

and roist Affeirm Tattibater. html) with this context.

android.app

android.app.admin. public final Activity getParent () android.app.backup

Added in API level 1

android and wide set not activity if this view is an embedded child.

android.bluetooth

android.content

public intent getParentActivityIntent ()

Added in API level 16

andក្រដូច្នេះក្រុំក្នុង (/reference/android/content/Intent html) that will android database solite

android database solite

's manifest by 's manifest by

the parentActivityName (/reference/android

/R.attr.html#parentActivityName) attribute. Activity sulclasses may

Interfaces overhie this method to modify the Intent returned by

Acts अवष्ठ अविकास के क्ष्मां प्राप्त प्राप्त करते हैं कि का Acts अवष्ट करते कि अवस्था के Acts अ

Activer માંગું માંગુ સાંતુ માંગુ માંગ માંગુ માંગ માંગ માંગુ માંગ માંગ માંગ માંગ માંગ માંગુ માંગુ માંગુ માંગુ માંગ માંગ માંગ માંગ માંગ માંગ માંગ

ActionBar.TabListener

Application.ActivityLifecycleCallbacks

Applicandntentageingsised affired pagent of this activity or null if

Aphors Managelid no bentanged Listener

DatePickerDialog.OnDateSetListener

Fragment Bread Crumbs On Bread Crumb Glick Listener

FragmantManager.BackStackEntry

Added in API level 1

FragméntManager.OnBackStackChangedListener

KevRetsiewa an Sharad Rectional Rections estimates and roic /content

Loadea Marragerdoesder@allbaidest for accessing preferer ces that are

Pendingle tenth@n Einished his simply calls the underlying

Search Manager On Campel Listers ring, int) (/reference/android

SearchManager On Dismisslistener haredPreferences(jave.lang.String,

TimePickerDialog OnTimeSetListener.

Int)) inethod by passing in this activity's class name as the UiAutomation. Accessibility Event Filter

preferences name. UiAutomation.OnAccessibilityEventListener

#### **Parameters**

Operating mode. Use MODE PRIVATE for the default Classes

operation, MODE WORLD READABLE and

ActionBar MODE WORLD WRITEABLE to control pern issions.

ActionBar.LayoutParams

Act**Rot Bans**Tab

an be used to Activity

Activitie modify the preference values. A \_ ± : . . : ± . . A A \_ . . \_ . . . . . . .

```
public int getReguestedOrientation ()
                                                                                                                                  Added in API level 1
Android APIs
                                                                                             API level: 19
                                                                                                                               y. This will
       either be the orientation requested in its component's manifest, or
android ast requested orientation given to
androichaccessibilityservice tion (int) (/reference/an |roid
android.accounts
/app/Activity.html#setRequestedOrientation(int)).
android.animation
<u>android.app</u>
android.app.admin
Returns an orientation constant as used in android.app.backup
ActivityInfo.screenOrientation.
android.appwidget
android.bluetooth
and boild Obnited tiget System Service (String name)
                                                                                                                                 Added in API level 1
android.content.pm
and Beturn the handle to a system-level service by name. The class of
and heided are good controlled 
and Alle as a salite
 WINDOW SERVICE ("window")
                The top-level window manager in which you can place custom
Interfaces ws. The returned object is a WindowManager.
LAYOUT, INFLATER : SERVICE ("Layout_inflater")
Action Bak ON NUT TRATIBAL EST OF FINITIATING layout resources in this
ActionBantablistener
ADOTIENTION. ASERMINCIFEC OCTOON ID acks
Application timpitoride Assist Description and interesting with the global activity
AppOpskalaenangehors@st@mangedListener
DROWER K 6 EDRING EO ("In DOWN 1985" B) t Listener
Fragment Bread Orumbs Of Bread Oruling Chickleiste Bengernent.
Faragamment Manyargren. Bark Strack Entry
Fragment Anger Anger Changed Listenethe time of your
KeyguardManager.OnKeyguardExitResult
LogderManagern ogderGalbacksification")
PendingIntent On Finished anager for informing the user of background
SearchManager.OnCancelListener
  events:
Search Manager OnDismiss Listener
KEYGUARD SERVICE (keyguard)
ImePicker Dialog On TimeSet Listener
A Keyguar d Manager for controlling keyguard.
JIAutomation Accessibility Event Filter
LOCATION SERVICE ("location")
JIAUtomation On Accessibility Event Listener
A Location Manager for controlling location (e. j., GPS)
                updates.
        ARCH_SERVICE ("search")
                A SearchManager for handling search.
ACTION POOR SERVICE ("vibrator")
ActionBar Layout Paremateracting with the vibrator hardware.
ActionBar Tab TV SERVICE ("connection")
ActivityGroup
```

network connections.

Android APIs API level: 19 ctivity.

TNPUT\_METHOD\_SERVICE ("input\_method")

android actes it in the thod Manager for management of i put methods.

all I MODE SERVICE ("uimode")

androic Andria Maragement for controlling UI modes.

android.app

androidAaDogwandinoiandManager for requesting HTTP dowr loads

android.app.backup

and lete: System services obtained via this API may be closely

and soggited with the Context in which they are obtain ed from. In

and the relation of the service objects between various different

and Antivities, Applications, Services, Providers, etc.)

android.content.res

android.database

andraniamatah Tabasa resambles of the desired service

#### Returns

The service or null if the name does not exist. **Interfaces** 

<u>ActionBarOnMenuVisibilityListener</u>

Added in API level 1

ActionBar.OnNavigationListener

ActRentBran.Thabldsreifier of the task this activity is in. This identifier will

Appeincetion the cataintelife the leicetilbacks the activity.

Application.OnProvideAssistDataListener

App Ops Manager. On Op Changed Listener

Daterakkendiation. On Danse en Lintener

FragmentBreadCrumbs.OnBreadCrumbClickListener

Fragment Manager Back Stack Entritle ()

Added in API level 1

FragmentManager.OnBackStackChangedListener

KeyquardManager.OnKeyguardExitResult

Loughier inaliet Lought it lead looks

Added in API level 1

PendingIntent.OnFinished

SearchManager.OnCancelListener public final int **getVolumeControlStream** () SearchManager.OnDismissListener

Added in API level 1

Time Ricker Dialoge One Time Set Listane whose volume should be changed Ui Automeation valace sail pilita Event Fister

UiAutomation.OnAccessibilityEventListener

Returns

The suggested audio stream type whose volume should be

Classes d by the hardware volume controls.

ActSeepAlso

ActsicentBlan:Luanye CitPratrain leStream (int)

ActionBar.Tab

A \_ \_ : . . : \_ . . A \_ . . \_ . . .

**Activity** 

Public villuow getwilluow () ActivityGroup

Added in API level 1

#### Retrieve the current Window (/reference/android/view/Window.html) for

Android APIs

API level: 19

of the Window

android
Returns
android, accessibilityservice,
Window The current window, or null if the activity is r ot visual.
android.accounts

android.animation

android.app

Added in API level 1

android.app.admin

and fetrieve the window manager for showing custom w ndows.

android.appwidget

#### and blue teach has Window Focus ()

Added in API level 3

android.content

and Beture of the in this activity's main window currently has window

and Polys Note that this is not the same as the view itse f having focus.

android.database
Returns
android.database solite

True if this activity s main window currently has whit OW focus.

#### See Also

#### InterMarceswAttributesChanged(android.view.VindowManager.LayoutParams)

ActionBar.OnMenuVisibilityListener

#### Aputahing a point inexalistate Options Menu ()

Added in API level 11

ActionBar.TabListener

ACTION ACTIVITY TO A CONTROL OF THE CONTROL OF THE

App Book ( ivity hand the change of the property of the proper

Date rale of the most pines to need to be displayed.

FragmentBreadCrumbs.OnBreadCrumbClickListener

## Frankent Managers Park Stark Entrigurations ()

Added in API level 11

FragmentManager.OnBackStackChangedListener

Kevaheak Maseau when kev this rate in the process o being

Loadestypenesicier order teposette postested with a new configuration. This is

Penodian user in or in its one () (/reference/android

Search Manager, On Cancellistered etermine whether the state needs to

Search Manager On Dismiss bisterer on to the next instance of the activity

Time Picker Dialoguen Fine Set Listenes n Instance () (/ eference/android

UiAutomation AccessibilityEventFilter / appr/Activity:htmt#onRetainNonConfigurationInstance())
UiAutomation.OnAccessibilityEventListener

#### Returns

If the activity is being torn down in order to be recreated with a Classes of iguration, returns true; else returns false.

ActionBar

#### ASTINUE ALLEMANDE SECULIO ()

Added in API level 1

Activity

ActivityGroup

ActionBar.Tab

01/14/2014 04:23 PM

public boolean isDestroved () Added in API level 17 Android APIs API level: 19 droid /app/Activity.html#onDestroy()) call has been made on the Activity, so android this instance is now dead. android.accounts <u>analogid boioneationi</u>s Finishing () Added in API level 1 android.app and brock to see whether this activity is in the process of finishing, andioucapp.backupou called finish() (/reference/and oid and entrievitivaletml#finish()) on it or someone else ha ; requested that andtolidisheetotifs is often used in onPause() (/reference/android and raid content. html#onPause()) to determine whether the activity is and content properties and completely finishing. android.content.res and Retdrostabase andraid datahasa contita: See Also finish()
Interfaces ActionBar OnMenuVisibilityListener public boolean i**simmersive** () ActionBar OnNavigationListener Added in API level 18 <u>Action நெவர் Jathhuistle net</u>his activity is "immersive" and should not be Apphication Activity Life cycles all backs ble. This value is initially set by Apphieatiani@ePpowideAssistDatadistemerrsive but ma/be changed at AppOnsManaces On One Changed bistances (/reference/indroid DatePickerDialog On DateSetListener olean)). FragmentBreadCrumbs.OnBreadCrumbClickListener Fragment Manager. Back Stack Entry FragmentManager On BackStackChangedListener Keyquard Manager Op Keyguard Exit Result LoaderManager.LoaderCallbacks PendingIntent.OnFinished Subdia Mondennis Task Priote Her Added in API level 1 SearchManager.OnDismissListener TimePickerDialog.OnTimeSetListener uiAutomation.AccessibilityEventFilter UiAutomation.OnAccessibilityEventListener True if this is the root activity, else false. Classes public final <u>Cursor</u> managedQuery (<u>Uri</u> uri, <u>String[]</u> <u>AstronBarl awoutParams</u> Added in API level 1 Action Bar. Tab Activity Activity Grows rLoader (/reference/android/content/Curs orLoader.html)

instead.

Android APIs API level: 19 na[]. String, String[], String) (/reference/androic/content android /ContentResolver.html#query(android.net.Uri, java.lanc.String[], android.accessibilityservice java, lang. String, java.lang. String[], java.lang. Strinc)) that gives the android.accounts and fold and Cursor (/reference/android/database/Cursor html) to call android.app and moid Actionation !#startManagingCursor(android.database.Cursor)) so android tappaback upwill manage its lifecycle for you. If you are targeting android approviring the ference / android android bluetoath on codes. html#HONEYCOMB) or later, consid ≥r instead using android.content
LoaderManager (/reference/android/app/LoaderManager.html) instead,
android.content.pm
available via getLoaderManager() (/reference/andi oid
android.content.res andfend.45tixistys.btml#getLoaderManager()). android database solite rranning. Do not oan <u>e cobe ( ) () renenence, anaroza, a</u>a <u>tabase</u> /Cursor.html#close()) on a cursor obtained using this method, because the activity will do that for you at the appror riate time. Interfaces However, if you call <a href="mailto:stopManagingCursor(Curso">stopManagingCursor(Curso</a>) (/reference ActionBar OnMenuVisibilityListener ActionBar OnNavigationListener (android.database.Cursor)) on a ActionBar.TabListener
Cursor from a managed query the system will not automatically
Application.ActivityLifecycleCallbacks
Close the cursor and, in that case, you must call close()
Application.OnProvideAssistDataListener AppopsManager.OnOpChangedListener DatePickerDialog.OnDateSetListener FragmentBreadCrumbs.OnBreadCrumbClickListener Fragment Wanager. Baths table the content provider to query. Fragment Manager. On Back Stank Changed Listener KeyguardManager.OnKeyguardExitResult selection SQL WHERE clause. LoaderManager.LoaderCallbacks Pendandent of the property of the property of the pendant of the p SearchManager.OnCancellistener Search Manager On Dismisolaisten ery clause. TimePickerDialog.OnTimeSetListener UiAutomation.AccessibilityEventFilter UiAThe fauteon. that ever settlinved by till leteyler See Also guery(android.net.Uri, String[], String. Classes Cla ActsdraBratManagingCursor(Cursor) ActionBar.LayoutParams ActionBar.Tab Activity

Activity of the pack containing this activity to the back of the activity

stack. The activity's order within the task is unchanged.

Android APIs

API level: 19

android Root If false then this only works if the activity is the root android.accessibilityservice android.accounts

andraid animation

android.app android.app.admin returned, else false. android.app.backup ras moved for it was alleady at the back, ITUE IS

android.appwidget

apulblig bookeamnavigateUpTo (<u>Intent</u> upIntent)

Added in API level 16

android content
Navigate from this activity to the activity specified by upIntent,
android content pm
tinishing this activity in the process. If the activity indicated by
android content res
upintent already exists in the task's history, this activity and all
android database
others before the indicated activity in the history stack will be

If the indicated activity does not appear in the history stack, this will Interifacesh activity in this task until the root activity of the task is reached, resulting in an "in-app home" behavior. This can be useful in ActionBar OnMenuVisibilityListener apps with a complex navigation hierarchy when an activity may be ActionBar OnNavigationListener reached by a path not passing through a canonical parent activity. ActionBar TabListener

Application: Activity Life over lescal labers performing up no igation from Application Patrovide Assist Peate sistemen. If up navigation should ApponeManager On Op Changed Listener

Date Picket Distor On Date Setkisterernt) (/reference/an Iroid

FragmentBreadCrumbs, OnBreadCrumbClickListaner t. Intent)).

FragmentManager.BackStackEntry

Framment Manager. On Back Stack Changed Listener

KeyquardManager.OnKeyquardExitResult upIntent An Intent representing the target destin ation for up LoaderManager.LoaderCallbacks

PendingIntent.OnFinished

Search Manager. On Cancel Listener

Search Manager Qualismine Listerally reached the activity indicated by TimeRickerDialog On TimeSet Listener d to it. false if an instance of UiAutomation activity by Tive not be found and this act vity was UiAutomation On Accessibility Event Listener

public boolean navigateUpToFromChild (Activity

child, intent upIntent)

Added in API level 16

ActionBar

ActThiBis called when a schild activity of this one calls it :

Action is a tello To (Intent) (/reference/android

)) method. The

Activeity Gltcimplementation simply calls navigate UpTo(upIntent) on this

activity (the parent).

Android APIs

API level: 19

androi6hild

The activity making the call.

android/ateoessil/intiveenticepresenting the target destination for up

android.accountsavigation

android.animation

android.app

and FURL LARB gavigation successfully reached the activity indicated by and the latest and was delivered to it. false if an instance of and the indicated activity could not be found and this act vity was andionally finished normally.

android.content

#### and thid content action Mode Finished (Action Mode

amordio .content.res

Added in API level 11

android.database

and Natifies the activity that an action mode has finished. Activity subclasses overriging this method should call the suberclass implementation.

#### Interfaces,

Action Bar On Mean Visibility detenseriust finished.

ActionBar.OnNavigationListener

ActionBar.TabListener

APHINISTYOIC PRACTICA MODE STATED (Action Mode

ADDICO tion.On Provide Assist Data Listener

Added in API level 11

AppOpsManager.OnOpChangedListener
Notifies the Activity that an action mode has been started. Activity
DatePickerDialog.OnDateSetListener
subclasses overriding this method should call the superclass
FragmentBreadCrumbs.OnBreadCrumbClickListener
Implementation.
FragmentManager.BackStackEntry

Framment Manager. On Back Stack Changed Listener

KeyguardManager.OnKeyguardExitResult mode The new action mode. LoaderManager.LoaderCallbacks

PendingIntent.OnFinished

Saarth Wand On Art Gaher adviser (Fragment fragmen 1) dded in API level 11 SearchManager.OnDismissListener

Tin Cerlied evidence From Tingers is the ingertached to this act vity,

UiAMMAdiatal Actes the Rettents [Fragment.on Atta(h() (/reference

UiA/atolmadi/app@mAgocessibiilt#cEventdListemend.app.Activity)) method

and before Fragment.onCreate() (/reference/and oid

/app/Fragment.html#onCreate(android.os.Bundle)).

#### **Classes**

#### 4്യൂബ് anAttachedToWindow ()

Added in API level 5

ActionBar.LayoutParams

Action Belowas n the main window associated with the activity has been

ActiviewGranAttachedToWindow() (/reference/android

#### /view/View.html#onAttachedToWindow()) for more information.

Android APIs

API level: 19

onAttachedToWindow()
android

android.accessibilityservice

<u>andholid.voire contBackPressed ()</u>

Added in API level 5

android.animation

android.app

3 of the back

and od. app. admin implementation simply finishes the current activity, and and an san every ide this to do whatever you want.

android.appwidget

## and total build and onfiguration Changed (Configuration

and words a finitent

Added in API level 1

android.content.pm

and and the bytthe system when the device configuration changes while and अभाग अधि अधि अधि है running. Note that this will only be called if you have an selected appliquentions you would like to handle with the

CONTIGURANCES (/reference/android/K.attr.html#configChanges)

attribute in your manifest. If any configuration change occurs that is

Interfaces ed to be reported by that attribute, then instead of reporting it the system will stop and restart the activity (to have it Action Bar QnM an the sie little intenestion).

ActionBar.OnNavigationListener

Action has been called, your R :sources object Apwillatave Aeanity detecte call was resource values matching the new

Ap**ፍኮሮቭኒያሁ** ዘማር የሚያስፈርር የሚያስር የሚያስፈርር የሚያስፈርር የሚያስፈርር የሚያስፈርር የሚያስፈርር የሚያስፈርር የሚያስፈርር የሚያስፈርር

AppOpsManager.OnOpChangedListener

DatePickerDialog.OnDateSetListener

#### Fragmen Confed CruTines en Blosside configuration tener

FragmentManager.BackStackEntry

FragmentManager.OnBackStackChangedListener

Reyduary Manager on Reyduard Extresult

Added in API level 1

LoaderManager Lander Gallbacks the content view of the screen changes PendingIntent OnFinished .setContentView (/reference/android SearchManager.OnCancelListener
/view.Window.html#setContentView(android.view.View,
SearchManager.OnDismissListener

TiniePickerDialog.OnTimeSetListener

UiAWfefesense/Andreid/Minw/Windowshtml#addContentView(ar troid.view.View,

UiAanthmidtiniavoviavovaibilinuttammisktener

# public boolean **onContextItemSelected** (<u>MenuIter</u> **Classes**

Added in API level 1

ActionBar
ActionBar
ActionBar LayoutParams
ActionBar LayoutParams
The default implementation simply returns false to have the normal ActionBar Lab message to its manufer as appropriate). You can use this method for ActivityGroup

Added in API level 1

any items for which you would like to do processing without those

Android APIs API level: 19

Use getMenuInfo() (/reference/android

android // to get extra inform ition set by the android.accessibilityservice view that added this menu item. android.accounts

android animation should call through to the base class for it to

android.app

android.app.admin

and Paidraptebackup

android appwidget The context menu item that was selected.

android.bluetooth

and Retdrosntent

androide and partial alse to allow normal context menu rocessing to android content tesconsume it here.

android.database

android database solite

Added in API level 1 ono voia onoonieatinenaoiooea (mena mena)

This hook is called whenever the context menu is being closed

Intertraces the user canceling the menu with the back menu button.

or when an item is selected). ActionBar.OnMenuVisibilityListener

Action Bar வெலு avigation Listener

ActionBar.TabListener

menu The context menu that is being closed. Application. Activity Lifecy cle Callbacks

Application.OnProvideAssistDataListener

Ann Specific Manager Context Menu

Patericker Dialog On Pater Service Strategy Control of the Control

FreementBreadCrumbs.OnBreadCrumbClickListener

FragmentManager.BackStackEntry

FraGalled Manager ont by the read of the value of the shown.

Loader Manager Lboarder Callbacks on Menu (and roid . view . Menu)), this will be

Pending Intenty On Finished Intext menu is about to be shown and should

Search Managed On GARCALLISTER inside the view for Adapter View

SearchManager OnDismissListener View.html) subclasses, this can be

TimePickerDialog OnTimeSetListener found in the menu Lnfo).
UiAutomation.AccessibilityEventFilter

<u>UiAutomation OnAcressibility Eventlistener</u>id.view.MenuItem)

(/reference/android

Classes know when an item has been selected.

ActionBar

Actiois நடிப் அடும் நடித்தில் the context menu after this method Action Bar Tab

Activity

The context menu that is being built menu

Android APIs API level: 19 being built

menuInfo Extra information about the item for which the an<u>droid</u> context menu should be shown. This information

android.accessibilityservice pending on the class of v.

android.accounts android.animation

android.app Added in API level 1

android.app.admin

andioid app. Backup description for this activity. This met nod is called and force pausing the activity and can, if desired, return some textual description of the current state to be displayed to the user.

android content implementation returns null, which will cause you to android content pm inherit the description from the previous activity. If all activities android content res android database solite

#### Returns

A description of what the user is doing. It should be short and Interfacesly a few words).

Act**Sor**B**469**nMenuVisibilityListener

Actororo Braera Ctre Vanvion attricani Lliste internap, Canvas)

ActionsBareTabletstancerState(Bundle)

Application Agtivity Lifecycle Callbacks

Application.OnProvideAssistDataListener

AppOpsManager.OnOpChangedListener

பிழ் நிருந்தி நிருக்கி காக்கி காக்கி

ATASKSTACKBUNDER by MBreadCrumbClickListener Added in API level 16

Fragment Managen BackStackEntry that will be generated during Up

FragmentManager.OnBackStackGhangedListener

KeyguardManager.OnKeyguardExitResult

<u>Loadher Mediaadheirth o kedher Gaall tia an ke</u>st this method adds the parent chain of

Pendinglottent, Qn Fipishfield in the manifest to the supplied

Searsh Warrack BOn Cdecel Listenen ce/and roid/app/TaskStack Builder.html).

Search Manager And Dismisse istender ride this method to construct the

TimeRickerDialog On TimeSetListenesv.

UiAutomation.AccessibilityEventFilter

UiAThismaeithno. On MAlchesis involktede bearthles defaurlt implemen : ation of

onNavigateUp() (/reference/android

/app/Activity.html#onNavigateUp()) if

#### Classes dUpRecreate Task (Intent) (/reference/an |roid

Act/appg/Activity.html#shouldUpRecreateTask(android.conter t.Intent))

Action Bas ៥មុស Mpenangplied with the intent returned b /

Action Pane that Activity Intent() (/reference/android

Activity

ActivityGroup  Applications that wish to supply extra Intent parameters to the

Android APIs API level: 19 ıilder) and reference and roid and Activity Hitmle an Rippare Navigate Up Task Stack (and roid). app. Task Stack B andriolide.colocounts android.animation android.app android: app.admin mpty TaskStackBuilder - the application should android.app.baskupntents representing the desired task stack android.appwidget android.bluetooth apublig boolean onCreateOptionsMenu (Menu men 1)Added in API level 1 android.content.pm Initialize the contents of the Activity's standard options menu. You android.content.res should place your menu items in to menu. android.database android datahasa solita nu is displayed. To update the menu every time it is displayed, see onPrepareOptionsMenu(Menu) (/reference/android Interfaces ity.html#onPrepareOptionsMenu(android.view.N enu)). ActionBar.OnMenuVisibilityListener
The default implementation populates the menu with standard
ActionBar.OnNavigationListener
System menu items. These are placed in the CATEGORY SYSTEM
ActionBar.TabListener Application Activity Lifecycle Calibacks group so that they Application-defined menu items. Appersing classes en enculg always call through to the base Date Picker Date On Date Set Listener FragmentBreadCrumbs.OnBreadCrumbClickListener
You can safety hold on to menu (and any items created from it),
FragmentManager.BackStackEntry
making modifications to it as desired, until the next t me
FragmentManager.OnBackStackChangedListener
onCreateOptionsMenu() is called.
KeyguardManager.OnKeyguardExitResult Loader Manager & needes Gallbacksenu, you can implemen the Activity's PendingIntentontEinischedcted (MenuItem) (/referenc:/android Search Manager On Cancellistener Selected (and roid. view. MenuItem)) SearchManager.OnDismissListener method to handle them there. TimePickerDialog.OnTimeSetListener UiAputomationsAccessibilityEventFilter <u>UiAutomation.OnAccessibilityEventListener</u> <u>menu</u> The options menu in which you place your items. Returns Classesust return true for the menu to be displayed; if you return Actions at will not be shown. Actisce Balls bayout Params ActionBar TabeOntionsMenu(Menu) Activity Activity Group

A \_ ± ! . . ! ± . . N A \_ . . . \_ . . . .

#### public boolean **onCreatePanelMenu** (int featureld.

Added in API level 1 API level: 19 Android APIs

Default implementation of <a href="mailto:onCreatePanelMenu(int, Menu">onCreatePanelMenu(int, Menu)</a>

(/reference/android/view/Window.Callback.html#onCreate android.accessibilityservice android.view.Menu)) for activities. This calls through to the new android.accounts

and Create Options Menu (Menu) (/reference/android

nu)) method for android.app

and horid EAT LAND LAND IN PANEL (/reference/android

android, app, backup#FEATURE OPTIONS PANEL) panel, so the subclasses of

android appwidget ed to deal with feature codes.

android.bluetooth

#### and Paidmeters t

android dayabase he menu inside the panel.

android datahasa salita

boolean You must return true for the panel to be displayed; if you return false it will not be shown.

#### **Interfaces**

Antion wife wife where the partie part of the street (int feature id)

Added in API level 1

ActionBar.OnNavigationListener

Action Bult implementation of on Create Panel View (i 1t) (/reference

Application/Aieti/WindineCacle@allband#snCreatePanelView(i at)) for

Applications On Provided stated at a light of the Application of the A

Applape Mandefer On a pala are medicistener

DatePickerDialog.OnDateSetListener

Fracation Fraction Fr

Fragmant Managari Back Stack Entition created.

FragmentManager.OnBackStackChangedListener

KeyguardExitResult

Loadew Maneatopor-Leoved en Eval Moapchese in the panel.

PendingIntent.OnFinished

SearchManager OnCancell istener public boolean **onCreate Thumbnail** (<u>Bitmap</u> SearchManager OnDismiss Listener OutBitmap, Canvas Canvas TimePickerDialog.OnTimeSetListener

Added in API level 1

Ui A Green mation. A covers in bity and foot Filteractivity. This method is called

Ui Abet former bians On Attree as thirtity, Evrent shis teed et raw into out it it map the

imagery for the desired thumbnail in the dimensions of that bitmap.

It can use the given canvas, which is configured to draw into the

Classes, for rendering if desired.

Actiona Berfault implementation returns fails and does not draw a <u>Action क्रिका क्रिया </u> <u>Actiron Bear Trab</u>

Activity

Actiliare meters A \_ ± : . : ± . . B A \_ . . \_ . .

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```
outBitmap
                  The bitmap to contain the thumbnail.
Android APIs
                                          API level: 19
android android
and कि भारत एक प्रामिश्क filled with a default thumbnail.
andraid an imation
android.app
android app admin
onsavelnstanceState(Bundle)
android app backup
android.appwidget
android.bluetooth
appulled id: Vicente on Create View (View parent, String)
amalmoed. Counteext prontext, Attribute Set attrs)
                                                          Added in API level 11
android.content.res
and and implementation of onCreateView(View, String,
and antexthattributeSet) (/reference/android
   /view/LayoutInflater.Factory2.html#onCreateView(android.view.View,
   java.lang.String, android.content.Context, android.util.AttributeSet))
Interchyles inflating with the LayoutInflater returned by
   getSystemService(String) (/reference/android
ActionBar.OnMenuVisibilityListener

ActionBar.OnMenuVisibilityListener

This
ActionBar.OnNavigationListener
Implementation handles tags to embed fragments in side of the ActionBar.TabListener
Application.ActivityLifecycleCallbacks
Application OpProvideAssistDataListener
AppOpsManager.OnOpChangedListener
Date Packer Dialog Brosses the stee Greated view will be placed in;
FragmentBreadCottmbst.onBreadCountDClickListener
Fragment Mana Tag Branck Stack Eint Mated.
FragmentManager OnBackStackChangedListenerted in
KeyquardManager.OnKeyquardExitResult
Loader Manager Loader Callinaries as specified in XML f le.
PendingIntent.OnFinished
SearchManager.OnCancelListener
View Newly created view. Return null for the default I ehavior.
SearchManager.OnDismissListener
UiA<u>cuite an taelloine Avolcoets sibrility Esternt Filter AttributeSet</u> (
Ui Auto travion t In Address ib (1) ty Event Listener
public View onCreateView (String name, Context
context, AttributeSet attrs)
                                                           Added in API level 1
Standard implementation of onCreateView(String, Context, ActionBarLayoutParams
ActionBartab (/reference/android
                                                         ng.String,
```

Activity@docom\_tent.Context, android.util.AttributeSet)) used when 01/14/2014 04:23 PM

#### inflating with the LayoutInflater returned by

Android APIs API level: 19 This and member and is for pre-HONEYC( MB (/reference and mith gick es this it is the codes. html #HONEYCOMB) apps. Newer apps <u>andshoid.lalcuseupts</u>CreateView(View, String, Context, android: amimation: ) (/reference/android android.app <u>\_\_\_\_\_a.lanq.Stri</u>ng, android.app.admin android.content.Context, android.util.AttributeSet)). android.app.backup android appwidget android.bluetooth android.content ag name to be inflated. androwntentipencontext the view is being created in. android content restion attributes as specified in XML f le. android.database and Action and Action

View Newly created view. Return null for the default I ehavior.

#### See Also

# Interfaces iew(String, String, AttributeSet)

#### Acts (Sept 15 to a November 1906) Listener

ActionBar.OnNavigationListener

ActionBar Tablistener hed From Window ()
Application. Activity Lifecycle Callbacks

Added in API level 5

Appliad betailow horn Patroev index Ars spirat Doartea bisster pierted with the activity has been

Appl@textHedarpernCth@pvChdorgenhaintegreer See

DatePeokerDedta On Od Fa SetWistelrow () (/reference/andioid

FragmentBreadCrumbs OnBreadGrumbClickListepenfor nation

FragmentManager.BackStackEntry

FraseeAlsdanager.OnBackStackChangedListener

Keyguard Manager QnKeyguard ExitResult

LoaderManager.LoaderCallbacks

PendingIntent.OnFinished

<u>seublinhandean on Generic Motion Event</u> (Motion Event

Sear Chimanager. On Dismiss Listener

Added in API level 12

TimePickerDialog OnTimeSetListener Called When a generic motion event was not handled by any of the UiAutomation Accessibility EventFilter views inside of the activity.

UiAutomation.OnAccessibilityEventListener

Generic motion events describe joystick movements, mouse hovers, track pad touches, scroll wheel movements and other input events.

Classesurce (/reference/android/view/MotionEvent.htm .#getSource()) of

Action Barton event specifies the class of input that was received. Action Bar Layout Params method must examine the b ts in the source Action Bar lab event. The following code example shows how

#### **Activity**

ActivityGroup  Generic motion events with source class SOURCE CLASS POINTER

Android APIs API level: 19 achivered to the view ander the pointer, in other gent ric motion and the focused view. android.accessibilityservice See onGenericMotionEvent(MotionEvent) (/reference/android android.accounts and view.html#onGenericMotionEvent(android.view.MotionEvent)) for an android.app android.app.admin android.app.backup andræickabpwIdrægeneric motion event being processed. android.bluetooth android.content and fold: content you have consumed the event, false if you haven't. The default implementation always returns false. android.database andithid Hatchage adite Down (int Lou Code Vov Even event) Added in API level 1 Called when a key was pressed down and not handle 1 by any of the Interfaces Views inside of the activity. So, for example, key presses while the Acticions Berri @ ninh.siecheu & is eixith tiet vieweihler not trigger the event (unless it is a Action Brat Com Navign at liber Listing because Text View hand les its own key Action Bears TabListener Application.ActivityLifecycleCallbacks Application មកទៅ view didnstwart this metho i is called. AppOpsManager OnOpChangedListener
The default implementation takes care of KEYCODE\_3ACK
DatePickerDialog OnDateSetListener (/reference/android/view/KeyEvent html#KEYCODE BACK) b/calling Fraument Wanader Back Street ence / android Fraction of Activation of the Backstrackettanded with the behavior varies based Keyoguthre Mapplaccetic Om Keyogutti b Eixix Pressdet for ECLAIR ('reference Loader Manager Loader Gallbacks. html#ECLAIR) or later a plications, it Pendinglatent Confished to call onKeyUp(int, Keyl vent) SearchManager.OnCancelListener

(/reference/android/app/Activity.html#onKeyUp(int,
SearchManager.OnDismissListener
android.view.KeyEvent)) Where the action will be perfo med; for earlier
TimePickerDialog.OnTimeSetListener UiARRBlication Accessing the incline immediately ir on-down, as UIATOSE VERSIONS OF THE PLATFORM BEHAVEDER Other additional default key handling may be perforn ed if configured with setDefaultKeyMode(int) (/reference/andro: d Classes / App/Activity.html#setDefaultKeyMode(int)). ActionBar Ac**tየብናይክባርያ**የoutParams Action Bac Teb The value in event.getKevCode(). Description of the key event. ActivityGroup

53 of 104 A \_ \_ : . . : \_ . . A \_ . . \_ \_ .

#### Returns

ated further, API level: 19 Android APIs

or indicate to manualle that you have not handled this tvent and it

an എഎId continue to be propagated.

android accessibility service

android accounts KeyEvent)

android animation

android.app

android.app.admin

andbid.bopleackonKeyLongPress (int keyCode,

akely@identpewielnte)t

Added in API level 5

android.bluetooth

Default implementation of android content

<u>KeyEvent.Callback.onKeyLongPress() (/reference/android</u>

and Wir Kenty Callback.html#onKeyLongPress(int,

and roling that a bas (doesn't handle the

andraidthatahaca calita

#### **Parameters**

The value in event.getKeyCode(). Interfaces

Action Bandon Ment of the key event.

<u>ActionBarOnNavigationListener</u>

ActionBar Tablistener
If you manufed the event, return true. If you want to allow the event
Application Activity Lifecycle Callbacks
to be flanded by the next receiver, return false.
Application.OnProvideAssistDataListener

AppOpsManager.OnOpChangedListener

mubic koolean onkey Multiple (int key Code, int

FIGURATE FOR THE SENT THE PROPERTY OF THE PROP Added in API level 1

FragmentManager.BackStackEntry

Default implementation of
FragmentManager.OnBackStackChangedListener

KeyEvent.Cattback.onKeyMuttiple() (/reference/android
KeyguardManager.OnKeyguardExitResuit

Loader Wanager Loader Callback html#onKeyMultiple(int, int,

Penddhoidtkinwcker[សមាសៀ always returns false (doesn't handle the

SearothManager.OnCancelListener

SearchManager.OnDismissListener

Time refere log. On Time Set Listener

<u>UiAutokeationde</u>Accestsibilitalteventeribet.getKeyCode().

UiAutomation On Accessibility Event Listener ned by

event.getRepeatCount().

**Classes** 

Description of the key event.

Action Bars

Actforpsheadledplagaryent, return true. If you want to allow the event

Action be a ranged by the next receiver, return false.

45tivite Groupe an onKeyShortcut (int keyCode,

KevEvent event)

Added in API level 11

Android APIs

API level: 19

ny of the views

in the Activity. Override this method to implement glc bal key

and note that a ctivity. Key shortcuts can also be implemented by

andraidracaessibilityservice reference/android

android accounts html#setShortcut(char, char)) property of menu items. android.animation

android.app

android.app.admin

android.app.backup value in event.getKeyCode().

android!/appwiddescription of the key event.

android.bluetooth Returns android.content

android.content.pm

android.content.res

andboid datalease on KeyUp (int keyCode, KeyEvent

atilne aschetch Kirakhace

Added in API level 1

Called when a key was released and not handled by any of the views inside of the activity. So, for example, key presses while the cursor is Interfaces inside a TextView will not trigger the event (unless it is a navigation Action Bat loring bjack) sibility is the welliew handles its own key presses.

ActionBar.OnNavigationListener ActionBar.TabListener

Application Activity Effect Callbacks

Application On Provide Assist Data Listener

AppOpsManager.OnOpChangedListener

Date revenual of the patterior execution patterior execution and the patterior execution of the patterior execution and the patterior executio

Fragment Bread On Limbio On Bread Grum b Click Listener

FragmentManager.BackStackEntry

Fragment Manager. On Back Stack Changed Listener

KeyReturantaneate preventulais exerce on being propagated further,

Loadef Mana de indicate Chilth yoks have not handled this event and it

Perschioncollectron territor Description be do ropagated.

<u>SearchManager.OnCancelListener</u>

SearchManager, On Dismiss Listener

onKeyDown (Int. KeyEvent) TimePickerDialog.OnTimeSetListener

UiAutomation.AccessibilityEventFilter

UiAutomation.OnAccessibilityEventListener

public void onLowMemory ()

Added in API level 1

Classes called when the overall system is running low on memory, and actively running processes should trim their memory usage. While <u>Ac୩ର୍ଥ Baact point at which this will be called is not defined, generally it</u> Action Babbayowther am Background process have been killed. That is, ActionBarrabehing the point of killing processes hosting service and Activity

ActivityGroup

```
You should implement this method to release any caches or other
                                        API level: 19
Android APIs
                                                       om this
method.
android
androiteagessibilityselldinaplement on TrimMemory (int) (/reference
android.accounts
/android/content/ComponentCallbacks2.html#onTrimMemory(int)) from
android.animation
android.app
and fold: app: admin to incrementally unload your resources
and คอร์สะเลือก หลายคนาร levels of memory demands. That A il is available
anderia Pales well detand higher, so you should only use th s
and Alph Manory () (/reference/android/content
and Coint wort fait backs. html #onLowMemory()) method as a fillback for older
andreisicostrethicimean be treated the same as onTrimlemory(int)
android content resid/content
android database //component database solite
```

#### Interfaces

public boolean **onMenuItemSelected** (int featureld, ActionBar OnMenuVisibilityListener ActionBar.OnNavigationListener

/ComponentCallbacks2.html#TRIM MEMORY COMPLETE) level.

Added in API level 1

Action Built Tarbolles them tention of on Menu Item Selected (Int,

Application-AntivityLifecycleCallbacks

Application On Provide Assist Data Listener ected (int.

AppOpsManager.OnOpChangedListener.
This calls through to the new

DatePickerDialog.OnDateSetListener
OnOptionsItemseterted(MenuItem).(/referenc :/android
FragmentBreadCrumbs:OnBreadCrumbClickListener

FragmentManager:BackStackEntry

Framethod for the reference and roid

Kevauenchishanachen Chrikenung and Existence panel, so the subclasses of

Loaderi Mandage'r Loader Callabakith feature codes.

PendingIntent.OnFinished

Seal arameter on Cancel Listener

Search Manager On Dismisshistener menu is in.

TimePickerDialog\_OnTimeSetListener

UiAutomation.AccessibilityEventFilter

Ui Artennation. On Accessibility Event Listener

boolean Return true to finish processing of selection or false to perform the normal menu handling (calling its Runnable or

Classas a Message to its target Handler).

#### ActionBar

<u> Aputioning biologicaut ibantatea</u>uOpened (int featureId, Menu

<u>Amatakon Bar. Tab</u> Added in API level 1

Activity

Activitied when a panel's menu is opened by the user. It is may also be 

56 of 104

called when the menu is changing from one type to another (for

Android APIs API level: 19

#### **Parameters**

android

android accessibility service

androithentounts he menu that is opened.

android.animation

android.app

android appualimplementation returns true.

android.app.backup

# andbrid boowedgeonNavigateUp ()

Added in API level 16

android.bluetooth

and his method is called whenever the user chooses to navigate Up and yithin yaterapplication's activity hierarchy from the action bar.

android.content.res If the attribute parentActivityName (/reference/android android.database

and (Reattra html #parent: Activity Name) was specified in the Inanifest for this activity or an activity-alias to it, detault up navigation will be handled automatically. If any activity along the parent chain requires extra

Intent arguments, the Activity subclass should override the method [**ertaces** onPrepareNavigateUpTaskStack(TaskStackB<sub>.</sub>iilder)

ActionBar பெறிக்கு படுக்கு ibilityListener

ActionBar On Navigation Listener vigateUpTaskStack(android.app.TaskStackB

ActionBar TabListener untuer;) to supply those arguments. Application.ActivityLifecycleCallbacks

Application On Provide Assist Data Listener undamentals/tasks and back-stack.html)

AppOpsManager OnOpChangedListener

AppOpsManager On

DatePickerDialog.OnDateSetListener

from the design guide for more information about na /igating within FragmentBreadCrumbs.OnBreadCrumbClickListener

FragmentManager.BackStackEntry

FragmentManager QnBackStackChangedListener id

KeyquardManager.OnKeyquardExitResult KeyquardManager.OnKeyquardExitResult

LoaderManagerLoaderCallbacks detParentActIvityIntent() PendingIntent.OnFinished (/reference/android

Search(Manager: On Cancellistener ),

Seasand de Regreste Lagis (Intent) (/reference/an Iroid

Tim/ePicketrDialout@h#simelStenRestenterTask(android.contert.Intent)), and

UiAndomodioe65ibilityEventFilterence/android

UiAutomationtOnAccessibilityEventlistenetntent.Intent)) for help implementing custom Up navigation. The AppNavigation sample application in the Android SDK is also available for reference.

### **Classes**

Returns ActionBar

Action Bar Layout Params completed successfully and this Activity was ActionBar rab

Anthib Goodlean on Navigate Up From Child (Activity

child) Added in API level 16

Android APIs

API level: 19 ts to navigate

up. The default implementation simply calls onNavigateUp() on this android ity (the parent).

android.accessibilityservice

and Parameters nts

android animation ctivity making the call

android.app

android.app.admin

#### andbid.bpp.leackonOptionsItemSelected (MenuItem

aitemo)d.appwidget

Added in API level 1

android.bluetooth

This hook is called whenever an item in your options menu is android content selected. The default implementation simply returns false to have android.content.pm the normal processing happen (calling the item's Rui nable or andfold database age to its Handler as appropriate). You can use this method for any items for which you would like to do processing שונווטענ נווטטכ טנווכר ועטווונוכט.

Derived classes should call through to the base class for it to **Interfaces** be default menu handling.

ActionBar On MenuVisibilityListener

ActionBar.OnNavigationListener ActionBar.TabListener

Application.ActivityLifecycleCallbacks

Application On Provide Assist Data Listener menu processing to proceed,

AppOpsManager OnOpChangedListener True to consume it here.

DatePickerDialog.OnDateSetListener

FraSefentsDeadCrumbs.OnBreadCrumbClickListener

Fragment Managati Basketauk Menry)

FragmentManager.OnBackStackChangedListener

KeyguardManager.OnKeyguardExitResult public void **onOptionsMenuClosed** (Menu menu) LoaderManager.LoaderCallbacks

Added in API level 1

Репфізина tants On Find Swedenever the options menu is being closed

Search Manager On Cansella steppere menu with the back menu button.

Searich Manager On Discrete stiettener

TimePickerDialog.OnTimeSetListener

UiARatamatersAccessibilityEventFilter

UiAutomation and Accessibility Event Listener or first in tialized by onCreateOptionsMenu().

Classes

public void onPanelClosed (int featureld, Menu

<u>ActionBar</u>

Added in API level 1

ActionBar.LayoutParams

Action Balt Tatolementation of on Panel Closed (int, Ienu)

losed(int,

ActivityGroup.w.Menu)) for activities. This calls through to

#### onOptionsMenuClosed(Menu) (/reference/android

nu)) method for Android APIs API level: 19

.... . \_/\.. TO THE TELL CITE OF A LITTLE OF A

and roin / Window.html#FEATURE\_OPTIONS\_PANEL) panel, so tha subclasses of android accessibilities es viceal with feature codes. For context menus

andFoid.TaldReunOSNTEXT MENU (/reference/android

android.animation 1#FEATURE CONTEXT MENU)). the

android.app

TING COSCULTICITAL (Treference) and rote

android.app.admin /app/Activity.html#onContextMenuClosed(android.view.Me <u>nu))</u> will be android.app.backup

android.appwidget

android.content

androgatuseldent. The panel that is being displayed.

androicheantent. tean Create Panel View () returned null, this is the android.database Menu being displayed in the panel.

android database solite

#### public void onPrepareNavigateUpTaskStack

(TaskStackBuilder builder) Interfaces

Added in API level 16

Prepare the synthetic task stack that will be generated during Up ActionBar On Menuvisibility Listener

ActionBarcTablisteneres the TaskStackBuilder (/re erence/android Application Activity Lifecycle Callbacks / Application On Provide Assist Data Listener

Application: Off-To-VideAssist DataEisterier

AppOpsManager.OnOpChangedListener

OnCreateNavigateUpTaskStack(TaskStackBu ilder)

DatePickerDialog.OnDateSetListener

FradmentBreadCrumbClickListener

Fracenow Aftitainty abt in # # Mark Great Navigate Up Task Stack (and roic .app. Task Stack Bu

Fractioneen t M fanary eex On a BebackeSthook Och ben concluded them threse in ents before

KeyguardManager ผิด Keyguard Exit Resultin should override this method

Loader Manager. Haed ar Gallbacks

PendingIntent.OnFinished

Seal at avoid the sear of the search of the sear of th

Search Manager បានប្រទេសម៉ាងមិនអង្គារ has been populated with

TimePickerDialogeOnTimeSetListenervigateUpTaskStact.

UiAutomation.AccessibilityEventFilter

UiAutomation.OnAccessibilityEventListener

public boolean onPrepareOptionsMenu (Menu

menu) Added in API level 1

Classes Prepare the Screen's standard options menu to be displayed. This is Action Baright before the menu is shown, every time it is shown. You ActionBអ្នកដ្ឋារុខក្រាខ្មុំវាល់ to efficiently enable/disable iter is or otherwise ActilynBmically modify the contents.

Activity Group

on the activity's state. Deriving classes should always call through to

```
Android APIs
                                                                                      API level: 19
      Parameters
android
android accessibility service
android.accounts
android animation
android app admin android app admin android app admin tale shown.
                                tum true for the menu to be displayed, if You return
android.app.backup
and 66d Appwidget
androcchelateOuthionsMenu (Menu)
android.content
android content pm
public boolean on Prepare Panel (int feature Id, Viev android content resview, Menu, menu)
android database
                                                                                                                        Added in API level 1
andraid.databaseesalitaian af anDrana raDana1 / in+
                                                                                                                      View, Menu)
      (/reference/android/view/Window.Callback.html#onPreparePanel(int,
      android.view.View, android.view.Menu)) for activities. This calls
Intertages the new onPrepareOptionsMenu(Menu) (/reference
ActionBaidionMActivistbilital#enBnepareOptionsMenu(androi d.view.Menu))
ActioettBackCoNtivectation TURStep OPTIONS PANEL (/reference/android
ActionBan: Tablistener ATURE OPTIONS PANEL) panel, so the subclasses of
Application Activity Lifecycle Callhacks ure codes.
Application.OnProvideAssistDataListener
Apparaleteasjer.OnOpChangedListener
DatePickerDialog OnDateSetListener.
Featureld The panel that is being displayed.
FragmentBreadCrumbs.OnBreadCrumbClickListener
Fragment Manager Backs tack Ewas returned by
FragmentManager Sheater Stack Granged Listener
Keyguard Managetr. Om Breesquard Exist Revolute turned null, this is the
LoaderManager. Loader Ceil bload is so layed in the panel.
PendingIntent.OnFinished
Search Manager. On Cancel Listener
Time Puth Eals all did high hes en 1984 en er
UiAutomation.AccessibilityEventFilter
Lightematique de la control de
                                                                                                                      Added in API level 18
      This is called when the user is requesting an assist, to build a full
CLASSION ASSIST (/reference/android/content
        (Intent.html#ACTION ASSIST) Intent with all of the context of the
ActionBar
Action Bar application. You can override this method to place into the Action Bar Layout Params bundle anything you would like to appear in the Action Bar Layout Params
Activity Croup #EXTRA ASSIST CONTEXT) part of the assist II tent. The
```

default implementation does nothing.

```
Android APIs
                                                   API level: 19
                                                                     lbacks that had
    been registered with
and ication.registerOnProvideAssistData_istener
android accessibilityservice
android.accounts
/app/Application.html#registerOnProvideAssistDataListener(android.app.android.animation
android.app
android.app.admin
android appleta of RetainNonConfigurationInstance )Added in API level 1
android.appwidget
and thois hale to the as deprecated in API level 13.
andsidthentewtFragment (/reference/android/app/Fragment.html) API
androichcentent ance (boolean) (/reference/android
android content res // /app/Fragment.html#setRetainInstance(boolean)) insteac; this is also android database available on older platforms through the Android compatibility
    Called by the system, as part of destroying an activity due to a
Interfacestion change, when it is known that a new in stance will
immediately be created for the new configuration. You can return ActionBar. On Menu Visibility Listener any object you like here, including the activity instance itself, which ActionBar. On Navigation Listener can later be retrieved by calling ActionBar. Tablistener iguration Instance() (/reference/android Application. Activity Lifecycle Callbacks

Application. Activity html #get Last NonConfiguration Instance()) n the new Application. On Trovice Assist Data Listener
AppolisiWainatanen on op olla algeting HONEYCOMB (/reference/android
Dater, consider instead using
Fragiment Breat Crumtes con Break Grumb Chief diest enten!) with
Fragment Manager Rack Stark Entire ce (boolean (/refe ence/android
FragmentManager.OpBackStackChangedListener
KeyguardManager.OnKeyguardExitResult
Loader Manager is ader Callbacks an optimization, and you must not
PendingIntent An Finished When it is called, a number of juarantees will
SearchManager பிற சொழுவிட்டுக்கும் guration switching:
SearchManager.OnDismissListener
TimePTckefDirationOwillingeSetledtentween onStop() and
UiAutombisot.AccéssibilityEventFilter
UIAutomation QnAccessibility Event Listenerays be immediately
        created after this one's onDestroy() is called. In
        particular, no messages will be dispatched during this time
Classes en the returned object does not have an activity to be
Actionassociated with).
Action Bar phice payage urn here will always be available from the
Action Meathas tNonConfigurationInstance() method of the
Activity
```

Activity Can use this API

to propagate extensive state from the old to new activity instance.

API level: 19 Android APIs any data that may change based on the configuration, including ar y data loaded from resources such as strings, layouts, or drawables. android.accessibilityservice

android वृद्धद्विभागिक of no message handling during the sv itch to the next android animationes use with active objects. For example if your android.app

android.app.admin //os/AsyncTask.html) you are guaranteed that its call back functions / υσ/Asymciasκ.ntml) you are guaranteed that its call be android.app.backup (like onPostExecute (Result) (/reference/android android.appwidget

and PS/ASMCT ask thtml #onPostExecute (Result))) will not be called from the an Galdhe கூயூர் you execute the next instance's onCreate (Bundle)

android contenting mid/app/Activity.html#onCreate(androic.os.Bundle)).

and Noide cloon trenteres at there is of course no such guarar tee for androitheataleaseund (Params...) (/reference/android

android datahasa salita\_\_\_\_ ' at is running in a

separate thread.)

## Intertaces

Return any Object holding the desired state to propagate to the ActionBar.OnMenuVisibilityListener next activity instance.
ActionBar.OnNavigationListener

ActionBar.TabListener

#### Apubbiliatbookkani**onSiearchRequeste**d ()

Added in API level 1

Application On Provide Assist Data Listener I nis nook is called when the user signals the desire to start a search. AppOpsManager.OnOpChangedListener

DateRicker Dialog On Date Set Listener ple way to launch he search UI, in FragmentBread Crimphsi Rengread Crimph Click Listener widgets within your Fragment Manager Backstack Entiry this function is the same as calling

Fragment Manager On Back Stack Changed Listener e) (/ reference KeyquardManager.OnKeyquardExitResult KeyquardManager.OnKeyquardExitResult

<u>/android/app/Activity html#startsearch(java.lang.Strirg, boolean, LoaderManager.LoaderCallbacks and oid os Bundle, boolean)</u>, which launches search for the current PendingIntent.OnFinished

Search Warage Perified in its manufest, see Search Manager (/reference

Sedend Middano/Somohemiagerichten dr

TimePickerDialog.OnTimeSetListener

UiAXRUmanioxextidesthisifty្រាល់ក្រោះក្រែប្រកិច្ចាប់ global search, e.g. in response UiAtota dedicated Accessish wetten block search entirely (by simply returning false).

# Returns

**Classes**Returns true if search launched, and false if activity blocks it.

ActioneBatfault implementation always returns true.

ActionBar LayoutParams See Also ActionBar Lab

Activity

ActivityGroup 

# public boolean onTouchEvent (MotionEvent event) Added in API level 1 Android APIs API level: 19 *i* any of the views under it. This is most useful to process touch events that android the first and an arrangement and a second s android accessibilityservice android.accounts andraidraeieration android.app eyent rife touch screen event being processed. android.app.admin and Reidrasp. backup android appwid 1965 u have consumed the event, false if you haven't. andnoid butter of blementation always returns false. android.content android.content.pm nublic boolean on TrackballEvent (Motion Event Added in API level 1 andfold.database android database solite. . .. d by any of the views inside of the activity. So, for example, if the tra :kball moves while focus is on a button, you will receive a call here because **Interfaces** o not normally do anything with trackball e<sup>-</sup> ents. The call here happens before trackball movements are converted to DPAD key ActionBar. On Menu Visibility Listener events, which then get sent back to the view hierarchy, and will be ActionBar. On Navigation Listener processed at the point for things like focus navigation. ActionBar. TabListener Application ActivityLifecycleCallbacks Application On Provide Assist Data Listener AppOpsManager.OnOpchangedListener DateRickerDialog.OnDateSetListener FragmentBreadCrumbs.OnBreadCrumbClickListener if you haven't. Fragment Manager Back Stack Entry The default Implementation always returns false. Fragment Manager On Back Stack Changed Listener KeyguardManager.OnKeyguardExitResult LBUBLIAN AND CHARTE THE PROPERTY OF THE PROPER Added in API level 14 PendingIntent.OnFinished. Called when the operating system has determined that it is a good SearchManager.OnCancelListener Time for a process to firm unneeded memory from its process. This SearchManager.OnDismissListener Will happen for example when it goes in the background and there is TimePickerDialog.OnTimeSetListener not enough memory to keep as many background processes running UiAutomation.AccessibilityEventFilter as desired. You should never compare to exact values of the level, UiAutomation.OnAccessibilityEventListener Since new intermediate values may be added -- you vill typically want to compare if the value is greater or equal to a level you are interested in. Classes To retrieve the processes current trim level at any po nt, you can use <u>tyManager.getMyMemoryState(Runnin;AppProcessI</u> ActionBartab .ActivityManager

ActiRityGroAppProcessInfo)).

#### **Parameters**

Android APIs API level: 19 amount of trimining the application may like to perform. May be TRIM MEMORY COMPLETE, TRIM MEMORY MODERATE, android android.accessibilitys MORNe BACKGROUND, android.accounts MEMORY UI HIDDEN, android.animation MEMORY RUNNING CRITICAL. android.app android.app.admin MEMORY RUNNING MODERATE. android.app.backup android.appwidget മാവിയിർ. boidtont/JserInteraction () Added in API level 3 android.content andfold.content.pm a key, touch, or trackball event is dispatched to the and old content res android database and old database. and his callback and on User Leave Hint () (/reference /android /app/Activity.ntml#onuserLeaveHint()) are intenueu to help activities manage status bar notifications intelligently; specifically, for helping Interfaces determine the proper time to cancel a notfication. Actorpal Schower Gerinity's Carliser LeaveHint() (/reference/android Action Bac On Navigral from Liestle age Hint()) callback will be accompanied by Action() (/reference/androic Application Activity if the systemal backs ()). This ensures that your Application On Provide Assist Data Listener ivity such as pulling down the Apponing and Bond to the steer of there. DatePickerDialog.OnDateSetListener Fragment Bresid Crumbs On Bite ad Grumbe alick Listence ch cown action that Fragenent Manager Beack Etank Emity not be invoked for the touch-moved Fragmenti Manager On Beck Stack Gwanged Listener KeyguardManager.OnKeyguardExitResult Loater Manager. Loader Callbacks Peroxhida lent eueta One Hibirsth (e)d SearchManager.OnCancelListener SearchManager On Dismiss Listener
Dublic void **On Window Attributes Changed**Time Picker Dialog On Time Set Listener
(Window Manager Layout Params params)
UnAutomation Accessibility Event Filter Added in API level 1 UiAutomatian Andecessibility Eventhistand by attribute: change.

public void **onWindowFocusChanged** (boolean hasFocus)

Added in API level 1

ActionBar

ActionBar.LayoutParams Window (/reference/android

Activity dwindly.html) of the activity gains or loses focus This is the best

ACLIVILY

The default

Actimip/ementation clears the key tracking state, so should always be

called.

Android APIs

API level: 19 s state, which

is managed independently of activity lifecycles. As such, while focus and pad ges will generally have some relation to lifecycle changes (an android accessibility service ill not generally get window focus), you and not accounts on any particular order between the callbacks here android animation other lifecycle methods such as onf esume()

android.app.

android.app.admin

android appelackue, however, a resumed activity will ha re window android appwieset has displayed other dialogs or popups that take android: blets oth which case the activity itself will not have focus when android content dows have it. Likewise, the system may display android content windows (such as the status bar notific ation panel or a android content which will temporarily take window input focus without android database reground activity. android database solite

**Parameters** 

hasFocus Whether the window of this activity has focus.

#### Interfaces See Also

<u>ActionRar,OnMenuVisibilityListener</u>

ActionBar On Navigation Listener

ActionBar.Tablistener Of WindowFocusChanged (boolean) Application.ActivityLifecycleCalibacks

Application.OnProvideAssistDataListener

# Apublics Matien Mode out Window Starting Action Mode

D'AtetionAl Dide Gablibaste Sel Listeker

Added in API level 11

FragmentBreadCrumbs.OnBreadCrumbClickListener
Give the Activity a chance to control the UI for an act on mode
FragmentManager.BackStackEntry

Fragment Manager. On Back Stack Changed Listener

KeyquardManager OnKeyguardExitResult on callback that an action

Loader Manager Loader Callbacks Loader Manager Loader Callbacks

PendingIntent On Finished OnActionMode) (/referenc :/android

SearchManager.OnCancelListener
/app/Activity.html#onActionModeS

tarted(android.view.ActionMode)).

<u>TimePickerDialog.OnTimeSetListener</u>

UiAutomation.AccessibilityEventFilter

UiAufallbackn.OTAeceslyBakteetshouldreantrol the nev action mode

#### Returns

Classes action mode, or null if the activity does no want to

Action rede special handling for this action mode. (It will be handled by

Actiloen Brasterno) ut Params

ActionBar.Tab

**Activity** 

OIU OPENOUNIEKUVIENU (VIEW VIEW) ActivityGroup

Added in API level 1

Programmatically opens the context menu for a particular view. The

Android APIs API level: 19 Iroid and Activity.html#registerForContextMenu(android.view .View)). android.accessibilityservice android accounts android animationiew to show the context menu for. android.app android.app.admin <u>គ្នាបៀរ៉ាង ឬអ្នក្រាស្ត្រខ្មា</u>ល្អptionsMenu () Added in API level 1 android appwidget ly opens the options menu. If the options menu is android bluetoot, this method does nothing. android.content android.content.pm apulplin પ્રાંત overridePendingTransition (int கூருகுருந்துந்து exitAnim) Added in API level 5 android database solite startActivity(Intent) (/reference/android /app/Activity.html#startActivity(android.content.Intert)) or Interfaces (/reference/android/app/Activity.html#finish()) to specify Action Barli Qit Manus Vi i sibilityi bisticmeto perform next. ActionBar.OnNavigationListener Action of altaby is BEAN (/reference/android Application A/ERS/100L000ES/che@a/15lack BEAN) an alternative to using this Application: One portiditions is to atabiste the desired animation information Applopsible and oct on Op Chat god sisterer rence/and roid DateRickerDialog On DateSet bistene to {@link #startActivity(Intent, FragmentBreadCrumbs-OnBreadCrumbClickListener pec ify a custom Fragment Manager BackStackEntry a activity from outside the context of Fragment Manager On BackStackChangedListener KeyquardManager.OnKeyquardExitResult LoaderCallbacks PendingIntent.OnFinished
enterAnim A resource ID of the animation resource to use for SearchManager.OnCancelListener
the incoming activity. Use 0 for no animation.
SearchManager.OnDismissListener Time Prike Primalog Ongs Ales et Line the animation resource to use for UiAutomation.Access விரும்று அருப்றும். Use 0 for no ani nation. UiAutomation.OnAccessibilityEventListener public void recreate () Added in API level 11 Classesthis Activity to be recreated with a new instance. This results in essentially the same flow as when the Activity is c eated due to a ActionBar configuration change -- the current instance will go through its ActionBar LayoutParams intervier to onbest roy () (/reference/android ActionBar lab " en created after Activity

# public void registerForContextMenu (View view) Added in API level 1 Android APIs API level: 19 iew (multiple views can show the context menu). This method will set the <u>android</u>.OnCreateContextMenuListener (/refererce/android android.accessibilityservice /view/view.oncreateContextMenuListener.html) on the view to this android.accounts android animation. android.app and Activity html#onCreateContextMenu(android.view.Cc ntextMenu, and molio appibackies, and roid. view. Context Menu. Context Mer uInfo)) will be and a lide a not wind it est time to show the context menu. android.bluetooth andrarametrent android content pm w that should show a context menu android.content.res and 664 Alseabase andrairehace confitent ext Menu (View) public final void removeDialog (int id) Added in API level 1 Interfaces This method was deprecated in API level 13. ActionBar.OnMenuVisibilityListener Use the new DialogFragment (/reference/android ActionBar.OnNavigationListener Actions Dialog Fragment, html) class with Fragment Manacer (/reference A<mark>րտանագրայան գործ ընդանության բարթեր արգագրության արգայան արգայան</mark> Applicentiplation in stidie Assistication and stient and a light particles and stient and a light particles an AppOpsManager.OnOpChangedListener Daterioners any internal esteresters to a dialog manage I by this Fraghtivity leabedial g. is การการบาท เป็นประการเลา rart of the clean FragmentManager.BackStackEntry FragmentManager.OnBackStackChangedListener This can be useful if you know that you will never show a dialog KeyguardManager.OnKeyguardExitResult again and want to avoid the overhead of saving and restoring it in Loader.LoaderCallbacks PendingIntent.OnFinished Search Manager Or Cancel Listener e/android Search Manager On Dismiss Listener RERBREAD), this functio will not throw TimePickerDialog. Order Listener, this function will not throw an exception if you try to remove an ID that does not currently have UiAutomation. AccessibilityEventFilter an associated dialog. UiAutomation.OnAccessibilityEventListener **Parameters Classes** The id of the managed dialog. Acconfrattebialog(int, Bundle) Acton Brapa GeDialog(int, Dialog, Bundle)

Activity Cirsubialog(int)

#### public void reportFullvDrawn ()

Added in API level 19

Android APIs

API level: 19

1, purely for

diagnostic purposes (calling it does not impact the v sible behavior android activity). This is only used to help instrument application android accessibility nervice app can report when it is fully in a usable android accounts this, the only thing the system itself can determine is android animation the activity's window is first drawr and displayed. android.app android app admin after first launch (when android app backup oid.os.Bundle) (/reference/andioid android.appwidget
/app/Activity.html#onCreate(android.os.Bundle)) is called), at the point android.bluetooth
android.bluetooth
android.bluetooth
android.content significant data. You can safely call this method any time after first launch as well in which case it will simply be ignored.

android.database

amidMid flataltage leading acruect Window Easture (int

featureId)

Added in API level 1

Enable extended window features. This is a convenience for calling 

ActionBauiOndMenuMisibilityEistenerint)).

ActionBar.OnNavigationListener

Act Port Branch at Statemen

Application Activity Lifecycle Callbacks defined in Wind w.

Application.OnProvideAssistDataListener

Ap**Reputa**nager.OnOpChangedListener

Date Picker Dialog. On Data Settle at tener. ure is supported an I now

Fragmath Bread Crumbs. On Bread Crumb Click Listener

FragmentManager.BackStackEntry

FragmentManager.OnBackStackChangedListener

Kevadaramanager.OnkeyguardExitResult

LoaderManager.LoaderCallbacks

Randing Intanty On Finished UiThread (Runnable action) Added in API level 1

SearchManager.OnCancelListener

Seafen Manager of indentioning the UI thread. If the current thread is Tintepielkehpandommthe settions is resecuted immediately. If the current UiAthreachisonot the still thread other action is posted to the event queue of UiAboHation dnAccessibilityEventListener

#### **Parameters**

the action to run on the UI thread Classes

ActionBar

Apout ito him a volid vset Content View (int layout ResID) Added in API level 1

ActionBar.Tab esource will be Activity

Activity Group

A \_\_\_\_\_ A A \_ \_ \_ \_ \_

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#### **Parameters**

Android APIs API level: 19

See Also android

android.accessibilityservice

and act Content View (and roid . view . View ,

and Android Ation . View Group . Layout Params)

android.app

<del>android अक्रायडीकट</del>ं ontentView (<u>View</u> view)

Added in API level 1

android.app.backup

an & et dhap a widit witcontent to an explicit view. This view is placed and though the two the activity's view hierarchy. It can itself be a complex and iew l. bien beachy. When calling this method, the layout parameters of and heids pecified, piew are ignored. Both the width and the height of the andrieval.armsentbredefault to MATCH PARENT (/reference/android android database. LayoutParams.html#MATCH\_PARENT). To us ? your own android datahase solite

setContentView(android.view.View,

android.view.ViewGroup.LayoutParams) (/r:ference/android

Interfaces ity.html#setContentView(android.view.View,

Actaborne diamediamisorum ( Actaborne diameter d

ActionBar.OnNavigationListener

Action Bar. TabListener

Applination. Attivities infect yole Certification play.

Application.OnProvideAssistDataListener

AppOpsManager.OnOpChangedListener

Date to Control of the Control of th

Frasiet Grant Chiews Cander Chiews Chiewstener

FragindentivonatiewBlaiesuGckEptrlayoutParams)

FragmentManager.OnBackStackChangedListener

KeyguardManager OnKeyguardExitResult Dublic void **setContentView** (View view, LoaderManager Loader Callbacks ViewGroup:LayoutParams params) Pendingintent.OnFinished

Added in API level 1

Search Manage (Qn Cancel Listen explicit view. This view is placed

Seatich Manager On Dismisse intenderier archy. It can itself be a complex

TimeRickerBielpa.OnTimeSetListener

UiAutomation.AccessibilityEventFilter

UiARatamatersOnAccessibilityEventListener

The desired content to display. view

Classes Layout parameters for the view.

See Also ActionBar

Action tent View (and roid . view . View)

Actions ant Miew (int)

<del>Aรนิ่มใช้ ให้เคม</del> void **setDefaultKeyMode** (int mode)

```
API level: 19
Android APIs
and Activity.html #DEFAULT_KEYS_DISABLE) will simply drop them on the
and look. Athers marks alloweyou to launch the dialer
and PSIGAULTUKEYS DIALER (/reference/android
and movid Appring it in it is a shart of the control of the contro
android.app
                                                                                                                                                                                 down
and DEE AND Tacktein'S SHORTCUT (/reference/android
android app backwpι #DEFAULT KEYS SHORTCUT)), or launch ε search
android appwidgets SEARCH LOCAL (/reference/android
android.bluetooth
/app/Activity.html#DEFAULT_KEYS_SEARCH_LOCAL) and
android.content
android:content.bm SEARCH GLOBAL (/reference/android
and ASTA SEARCH GLOBAL)).
android.database
an Note that the mode selected here does not impact the default
         nanumig or system keys, such as the back and me iu" keys, and
         your activity and its views always get a first chance to receive and
         handle all application keys.
Interfaces
Parameters
ActionBar.OnMenuVisibilityListener
ActionBdeOnNbeideringdidefault key mode constant.
ActionBar TabListener
See Also
Application.ActivityLifecycleCallbacks
Application: On rovide Assist DataListener
Appersyllation Apperson Appers
Dale Frank Tiak EV Subble BE EV Tener
FrankfahltBTeakfCY6m5J5ABWBhreh@CAllmbClickListener
Fragin Featt Mank Eye BB SEASTAN BILLO BAL
Fragmkent Mounagen On Bkiek Stack Changed Listener
KeyguardManager.OnKeyguardExitResult
   <u>oader Manager. Loader Callback</u>
       ublic final void set Feature Drawable (int featureld
               wable drawable)
chwanager (nCancell istener
                                                                                                                                                                                  Added in API level 1
Search Manager On Dismiss Listered ture Drawable (in:, Drawable)
TimePickerDialog.OnTimeSetListener
UiAutomation. Accessibility Event Filter
____android_graphics_drawable_Drawable)).
UiAutomation.OnAccessibilityEventListener
 public final void setFeatureDrawableAlpha (int
Classesd, int alpha)
                                                                                                                                                                                  Added in API level 1
Action Renience for calling setFeatureDrawableAlp la(int, int)
ActionBart axoutParamsew/Window.html#setFeatureDrawableAlpha(int,
<u> ActionBar.Tab</u>
Activity
```

Select the default key handling for this activity. This controls what

ActivityGroup 70 of 104 

#### public final void setFeatureDrawableResource (int.

Added in API level 1 API level: 19 Android APIs

Convenience for calling setFeatureDrawableResource(int,

<u>android</u>

android.animation

android.app

afectro idead pladimin

Added in API level 1

android.app.backup

and Gonyapismander calling setFeatureDrawableUri int, Uri)

and roreft enterest and roid / view / Window.html #set Feature Drawable Uri (int,

andraid contentri)).

android.content.pm

android.content.res

<u>nublic void setFinishOnTouchOutside</u> (boolean

tinish) andrah) datahasa sulita

Added in API level 11

Sets whether this activity is finished when touched outside its window's bounds.

#### **Interfaces**

#### Aputaline acida **setil monarsi we** i (baodean i)

Added in API level 18

ActionBar.OnNavigationListener
Adjust the current immersive mode setting. Note the changing this ActionBar.JapListener
Value.will have no effect on the activity's ActivityInfo (/reference Application.ActivityLifecycleCallbacks

Application content and Activity Info html structure; that s, if

Appondination's manifest

Dater Rivkier Dialo a Cindrate Set Aiste Neity Info. flags (/ reference/android

Fraction and Broad Crumbs of a Broad Crumbs of a

Framment Mennagger Back Stack Entry and roid/content

FragmentManager.QnBackStackChangedListener

KeyguardManager.OnKeyguardExitResult

LoaderManager.LoaderCallbacks

PendingIntent, On Finished

SearchManager.OnDismissListener
SearchManager.OnDismissListener

TimePickerDialog.OnTimeSetListener

Upabtion actions attented to ill tyle rething we have not a construction of the contract of th

Added in API level 1

UiAutomation.OnAccessibilityEventListener

Change the intent returned by getIntent() (/reference/android

/app/Activity.html#getIntent()). This holds a referenc : to the given

Clarge it does not copy it. Often used in conjunction with

onNewIntent(Intent) (/reference/android

ActionBar /app/Activity.html#onNewIntent(android.content.Intent)).

ActionBar.LayoutParams

ActionBar Tab

A \_ \_ : . . : \_ . . A \_ . . \_ \_ .

Activity

The new Intent object to return from getIntent Activity&ntabt

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#### See Also

Android APIs

API level: 19

android

and third final sold is the progress (int progress)

Added in API level 1

android accounts

and deid the progress bars in the title.

android.app

android app. admin androideapp.backup

and Astivity at ml # request Window Feature (int)).

android.bluetooth

android: content

android coestent. The progress for the progress bar. Valid ranges are android.content.fesm 0 to 10000 (both inclusive). If 100 10 is given, android.databasehe progress bar will be completely filled and will andraid datahaceachdite

public final void setProgressBarIndeterminate

(boolean indeterminate)

Added in API level 1

ActionBar,OnMenuVisibilityListener

Sets whether the horizontal progress bar in the title should be ActionBar. On Navigation Listener indeterminate (the circular is always indeterminate).

ActionBar. TabListener

Application of the feature must be Application On Provide Assist Data Listener re (int) (/reference/android AppOpsManager, On Op Changed Listener (int)).

DatePickerDialog.OnDateSetListener

FragmentBreadCrumbs.OnBreadCrumbClickListener

FragmentManager.BackStackEntry

Fraging from the fraging fraging from the fraging fraging fraging from the fraging fra

KeyguardManager.OnkeyguardExitResult

LoaderManager.LoaderCallbacks

set Progress Barindeter minister is ibility (boolean

Search Manager. On Dismiss Listener

Added in API level 1

TimePickerDialog.OnTimeSetListener

Ui A Sutteent la tiovins i Aboilite, so i Builli tey i Envolvent e Frittierrate progress bar in the title.

UiAutomation.OnAccessibilityEventListener

In order for the progress bar to be shown, the feature must be requested via requestWindowFeature(int) (/reference/android

Class Astivity.html#requestWindowFeature(int)).

Actinomannieters

ActionBar LayoutParams
Visible Whether to show the progress bars in the title.
ActionBar Tab

**Activity** 

ี่ Antibity Ginap void setProgressBarVisibility (boolean

visible) Added in API level 1

Android APIs API level: 19

andnoodder for the progress bar to be shown, the feature must be androidescees it it is a state of the action of the state of the state

and to id Accounts tml #requestWindowFeature(int)).

android.animation

android.app

android; app.adminther to show the progress bars in the title.

android.app.backup

android.appwidget

#### and bid boid set Requested Orientation (int

anedroested Omientation)

Added in API level 1

android.content.pm

Change the desired orientation of this activity. If the activity is android content res android database an orientation, the safeen will immediately be changed (cossibly

causing the activity to be restarted). Otherwise, this will be used the next time the activity is visible.

#### Intentaces

Actions Buc Stat Orian at ibility Last orientation constant as used in

ActionBar.OnNavigationListeretivityInfo.screen0 ientation.

ActionBar.TabListener

Application.ActivityLifecycleCallbacks

Application Oxpid set Result (interestilt Code)

Added in API level 1

AppQnsManagerQnopChangedListener tivity will return to its caller.

DatePickerDialog.OnDateSetListener

Fra@arant@tersdCrumbs.OnBreadCrumbClickListener

Fragment Manager Back Stack Entry
Fragment Manager Back Stack Entry
Fragment Manager On Back Stack Changed Listener
Originating activity, often RESULT\_CA NCELED or
Keyguard Manager On Keyguard Exit Result
RESULT ON

LoaderManager.LoaderCallbacks

PerSolie Allstoent. On Finished

Seamch Manage NOn Cancel Listener

Search Manager. On Dismiss Listener

TimePickerDialog-OnTimeSetListener

UiAutomation Accessibility Event Filter
Set Result (1917)
UiAutomation. On Accessibility Event Listener

#### public final void setResult (int resultCode, Intent

(datakes Added in API level 1

ActCallEbis to set the result that your activity will return to its caller.

ActionBar.LayoutParams

Action Bar Hag ERBREAD (/reference/android

ou supply here

Activaity/Carvey\_Intent.FLAG GRANT READ URI PERMISSION

#### (/reference/android/content

Android APIs API level: 19

and month oid/content/Intent.html #FLAG GRANT WRITE URI PER ISSION) set. This andvilldreagestsibilitysiervieeeeiving the result access to the specific URIs andinotiblealcocentes will remain until the Activity has finished (it will and twick in the most ing process being killed and other temporary android.app JRI permissions

androildealdly. adhdisn android.app.backup

andrarametersdget

android phostooth The result code to propagate back to the android.content originating activity, often RESULT\_CA VCELED or android.content.pmESULT\_OK

android.content.res
The data to propagate back to the ori jinating android database activity.

#### See Also

RESULT CANCELED

#### Interfaces0K

RESULT FIRST USER ActionBar.OnMenuVisibilityListener

Action Bar Oh Navidation Listener

ActionBar.TabListener

Annihitation Activity sets excletely express (int

Application Provide Assist Data Listener Added in API level 1

AppOpsManager.OnOpChangedListener

Date to the progress bar in the title. This

Francing frest es add a win be to your the rimber working teas (set via

Frasetentingenesis (Batkstareference/android

Fracemonant Managet n O # Stack Shack Cinany and interback ground. It can be KeyayardManagiar On Kayayayard Exit Resolution the buffering progress LoadeilMenagefaldadeoGaelbasksws the play progress.

PendingIntent.OnFinished

Seanchindernforthon controls being b Searchingsirageiacการานเคราะฟาร์เลนีอนFeature(int) (/reference/android

Tim/epickenDialo.o.toh#rimeSettLinstonfeerture(int)).

UiAutomation.AccessibilityEventFilter

UiARatamatersOnAccessibilityEventListener

secondaryProgress The secondary progress for the progress

bar. Valid ranges are from 0 to 10000

Classes (both inclusive).

ActionBar

<del>AstionBableVetPirema</del>t titleId) Added in API level 1

ActionBar.Tab

a top-level

Activitivity the title for its window will change. If it is an embedded

activity, the parent can do whatever it wants with it.

Android APIs API level: 19

public volu **secritie** (<u>Charsequerice</u> title) Added in API level 1

android

Change the title associated with this activity. If this in a top-level android accessibility service activity the title for its window will change. If it is an embedded android accounts activity the parent can do whatever it wants with it.

android.app

andbid apidasetTitleColor (int textColor)

Added in API level 1

android.app.backup

android.appwidget

<u>public void set Visible</u> (boolean visible)

Added in API level 3

and control whether this activity's main window is visible. This is android content pm the special case of an activity that s not going to android content rest but can't just finish prior to onResunie() because it android database or a service binding or such. Setting this to false andraid datahasa salita. a that time.

The default value for this is taken from the windowN Display

Intartacese/android/R.attr.html#windowNoDisplay) attribute of the

activity's theme. ActionBar.OnMenuVisibilityListener

ActionBar.OnNavigationListener

அயுகிந்த த்நாதி முழ்ந்தை Volume Control Stream (int

AstreamibyoetivityLifecycleCallbacks

Added in API level 1

Application On Provide Assist Data Listener Apports an audio stream whose volume should be changed by the DatePickerDialog.OnDateSetListener

FragmentBreadCrumbs OnBreadCriumb ClickListenerndow of this Fragment Manager Back Stack Fitting d, the stream set here is no longer Fragment Manager On Back Stack Changed Listener d to save and restore Кеуднаги Марадек Оп Кеуднаги Result ause and on Resume. LoaderManager.LoaderCallbacks

PerRainarmettents On Finished

SearchManager.OnCancelListener
StreamType
The type of the audio stream whose volume
SearchManager.OnDismissListener
Strould be changed by the hardware volume
TimePickerDialog.OnTimeSetListener
Controls. It is not guaranteed that the hardware
UiAutomation.AccessibilityEventFilter
UiAutomation.OnAccessibilityEventListener
Stream's volume (for example, if a call is in

progress, its stream's volume may be changed instead). To reset back to the defaul, use

Classes

USE DEFAULT STREAM TYPE.

ActionBar

ActionBar.LayoutParams public boolean **shouldUpRecreateTask** (<u>Intent</u> ActionBar.Lab

Added in API level 16

Activet Mars wher navigating 'up'

Android APIs

from this activity by using targetIntent.

```
navigateUpTo(Intent) (/reference/android
android

// Activity.html#navigateUpTo(android.content.Intent)) using the
android accessibilityservice
same parameters to correctly perform up navigation. If this method android accounts, returns false, the app should synthesize a new task stack by using android animation.
android.app
android.apper.aumilar mechanism to perform up navigation.
android.app.backup
 android.appwidget
androngetter the An intent representing the target destination for
                                           up navigation
 android.content
 android content.pm
android, content.res
true if navigating up should recreate a new task stac (, false if the android database)
android should be used for the destination
same task should be used for the destination
  public final boolean showDialog (int id, Bundle arg 3) Added in API level 8
Interfaces
This method was deprecated in API level 13.
 Actione Characteria (/reference/android
ActionBaranNavigationListeners with FragmentManacer (/reference
Application Activity Lifecycle Callbacks older platforms through the Android compatibility package. Application On Provide Assist Data Listener
App Que Managet Que Change distantity. A call to
DateRickerDiadog On Pate Set Listendere) (/reference/andioid
FragmentBreadCrumbs.OnBreadCrumbClickListener.Bunc le)) will be
FragmentManager.BackStackEntry
Inde with the same of the first time this is called for a given id. From FragmentManager.OnBackStackChangedListener
Thereafter, the dialog will be automatically saved and restored. If you KeyguardManager.OnkeyguardExitResult

are targeting flower of the first time this is called for a given id. From FragmentManager.OnBackStackChangedListener

Thereafter, the dialog will be automatically saved and restored. If you keyguardManager.OnkeyguardExitResult

are targeting flower content of the first time this is called for a given id. From the content of the first time this is called for a given id. From the content of the first time this is called for a given id. From the first time this is called for a given id. From Fragment Manager. In the first time this is called for a given id. From Fragment Manager. On the first time this is called for a given id. From Fragment Manager. On the first time this is called for a given id. From Fragment Manager. On the first time this is called for a given id. From Fragment Manager. On the first time this is called for a given id. From Fragment Manager. On the first time this is called for a given id. From Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a given id. Fragment Manager. On the first time this is called for a g
Pendingintent. On Finished Pendingintent. On Finished Pendingintent. On Finished
 Sear Printing Garagment Aurenterence/android/app/DialogFr agment.html)
Seanothadnager.OnDismissListener
<u>TimePickerDialog.OnTimeSetListener</u>
UiAttomation AccessibilityEventfilte
 Uir Bundleion Greference Android Japp Activity . html #onPre pareDialog (int,
       android.app.Dialog, android.os.Bundle)) will be made to provide an
       opportunity to do any timely preparation.
Classes
Parameters
 <u>Action.Bar</u>
 Action Idai
ActionBar.LayoutParams
 Action Bar. Tate guments to pass through to the dialog. These will be
ActivityGroup Iready created, onCreateDialog(int, Bundle)
```

API level: 19

#### will not be called with the new arguments but

```
lle) will
 Android APIs
                                be. If you freed to rebuild the didiog, our
                                removeDialog(int) first.
android
android accessibilityservice
android.accounts
Returns true if the Dialog was created; false is returned if it is not android animation
 android.app
 android:app.admin
and edda so backup
android appwidget
android blueteoth log(int, Bundle)
android content on the part of the part of
 android database solite
  public final void showDialog (int id)
                                                                                                                                                     Added in API level 1
 Interfaces

Use the new DialogFragment (/reference/android
A<mark>ctionBarOnMenuVisibilityListspe</mark>with <u>FragmentManacer (/reference</u>
ActionBar.OnNavigationListener instead; this is also available on
 ActionBar TabListener older platforms through the Android compatibility package.
Application.ActivityLifecycleCallbacks
Application Opporoxide Assist Data Listener Bundle) (/reference/android
AppOpsManager,OnOpChangedListener
AppOpsManager,OnOpChangedListener
AppOpsManager,OnOpChangedListener
AppOpsManager,OnOpChangedListener
DatePickerDialog OnDateSetListener
take any arguments. Simply calls showDialog(int, Bundle)
FragmentBreadCrumbs. OnBreadCrumbClickListener
FragmentManager.BackStackEntry html#showDialog(int,
FrankreidMarBudleOhButk9tHcRCHungetRistener
 KeyguardManager.OnKeyguardExitResult
Loader Manager Loader Callbacks
public Action Mode Start Action Mode
Panding Intent On Limished
(Action Mode: Callback callback)
Search Manager. On Cancel Listener
                                                                                                                                                    Added in API level 11
 Seastah Maan a q tip On n Dooche is s Listener
TimePickerDialog.OnTimeSetListener
UiAuthmaters. Accessibility Event Filter
UiAutomation.On Arragaribility Eventhist and Ifecycle ever to for this
                                          context mode
 Clastrics
        The ContextMode that was started, or null if it was canceled
 ActionBar
ActionBar.LayoutParams
 ActAonthiannMoode
```

Activity Group start Activities (Intent[] intents, Bundle

options) Added in API level 16

Android APIs API level: 19 ation about

when the activity exits. This implementation overrides the base and and and and an another arriving the and an arriving the and arriving the and arriving the and arriving the arriving th

and soid accessibility sony is additional information, the

androidaaccounts TY NEW TASK (/reference/android/coi tent

android animation a ACTIVITY NEW TASKY launch flag is no required; if not

android.app Specified, the new activity will be added to the task of the caller. android.app.admin

android approachubws ActivityNotFoundException (/reference

android appwidget / ActivityNotFoundException.html) if the e was no

android bluetooth Activity found to run the given Intent. android.content

andraid cantent.pm

android.content.res

android.database

andraminiman has said it in pal ontions for how the Activity s yould be

started. See Context.startActivity (Intent,

Bundle) for more details.

# Interfaces

ActionBanOnMenuMisibilityliistenetFoundException

ActionBar.OnNavigationListener

Act Sof Bar Pab Listener

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Ap#/isctatiothAcortProivitdieAss6IstDetratLlistleher

AppopastlanacioniOnOpoCharacedListenent, int)

DatePickerDialog.OnDateSetListener

FragmentBreadCrumbs.OnBreadCrumbClickListener

public yold startActivities (Intentil intents)

FragmentManaget DeBackStackChangedListengundle (/reference

KeyquardManager.OnKeyquardExitResult

KeyquardManager.OnKeyquardExitResult

(android.cor tent.Intent[],

LoaderManagerLoaderCallbacks
android.os.Bundle)) With no options specified.
Pendingintent.OnFinished

SearchManager.OnCancelListener Parameters SearchManager.OnDismissListener

Time*ipte*késDialbbeontentesetststener

UiAutomation.AccessibilityEventFilter

UiAutomation.OnAccessibilityEventListener

android.content.ActivityNotFoundException

See Also

Classes(#startActivities(Intent[], Bundle)}/{@link

Act#wsntBartActivities(Intent[], Bundle)})

Actional Brate Acato utili Par Emis Result (Intent, int)

ActionBar.Tab

A \_ ± : . : ± . . N A \_ . . . \_ . . .

Activity

publić volg **startActivity** (<u>intent</u> intent) Activity Group

Added in API level 1

Added in API level 11

#### Same as startActivity(Intent, Bundle) (/reference/android

API level: 19 년 Android APIs unurozurosibunute// with no optiono opcomeu. android android accessibilityservice andropideaccoulities intent to start. android.animation android.app android.approidmontent.ActivityNotFoundException android.app.backup android.appwidget and FRROB(#6tantActivity(Intent, Bundle)}/{3link and#ልtæctሎፍቴៃvity(Intent, Bundle)}) and that the distribution of the contract of t android.content.res android database public void **startActivity** (Intent intent, Bundle android database solite Added in API level 16

Launch a new activity. You will not receive any information about

Intellige activity exits. This implementation overrides the base version, providing information about the activity performing the

ActionBar GoMenuVisibilityListeneral information, the

ActionBar Qn Navigation Listensk (/reference/android/coi tent

ActionBar Tablistener
/Intent.htmt#FLAG ACTIVITY NEW TASK) launch flag is no required; if not Application.ActivityLifecycleCallbacks
specified the new activity will be added to the task of the caller.
Application.OnProvideAssistDataListener

AppunsManagetungOpChangedLighteneroundException (/reference

DatePickerDialog.OnDateSetListener

/android/content/ActivityNotFoundException.html) if the e was no
FragmentBreadCrumbs.OnBreadCrumbClickListener

Activity found to run the given Intent.
FragmentManager.BackStackEntry

Fragment Manager. On Back Stack Changed Listener

KeyguardManager.OnKeyguardExitResult

Loaden Manager Loader Calibacks.

Pendinglorient. Ond ditional options for how the Activity should be

SearchManagesOarOcchcSeleisCoentext.startActivity(Intent,

SearchManage BOn Disenis a Listened etails.

TimePickerDialog.OnTimeSetListener

UiA Uto Wation. Accessibility Event Filter

UiAutomationi@nAncessioilitviEvantEistente

#### See Also

CLEBBOR(#startActivity(Intent))/{@link

#startActivity(Intent)})

ActionBar StartActivityForResult(Intent, int) ActionBarLayoutParams

ActionBar.Tab

Activity

Arequiest Goode)

#### Same as calling startActivityForResult(Intent, int,

Android APIs API level: 19 .....ent.Intent, int, and modified id.os. Bundle)) with no options. android.accessibilityservice andrarameters nts android. Annimulation The intent to start. android.app
android.app.admin
android.app.admin
onActivityResult() when the activity exits. and in dialog an android.bluetooth android.content.ActivityNotFoundException android.content and Seed Adsortent.pm android content resv (Intent) android.database android database solite public volu startactivity romesuit (intent intent, in: requestCode, <u>Bundle</u> options) Added in API level 16 **Interfaces** activity for which you would like a result vihen it finished. When this activity exits, your onActivityResult() method will be called ActionBar.OnMenuVisibilityListener
with the given.requestCode. Using a negative reques Code is the ActionBar.OnNavigationListener
same as calling startActivity(Intent) (/refer nce/android ActionBar.labListener Application: Activity html #startActivity (android.content.Inter t)) (the activity Apisication On Provide Asyls as a livity tener AppOpsManager.OnOpChangedListener
Note that this method should only be used with Inter t protocols that
DatePickerDialog.OnDateSetListener
are defined to return a result. In other protocols (such as
FragmentBreadCrumbs.OnBreadCrumbclickListener
ACTION, MAIN (/reference/android/content/Intent.htm l#ACTION MAIN) or
FragmentManager.BackStackEntry Fragment Manager & reference (and view), Ke wayamay and detothe seautry being eye expect. For example, if the Penth ម្រាប់មាន មាន the Penth អ្នក ខ្លាំ ក្រុម ខ្លាំ Penth មាន you will immediately receive a cancel Search Anager. On Cancel Listener SearchManager.OnDismissListener

As a special case, if you call startActivityForResult() with a 
TimePickerDialog.OnTimeSetListener

requestCode >= 0 during the initial onCreate(Bundle 
UiAutomation.AccessibilityEventFilter 
SavedinstanceState)/onAesume().of your activity, then your window 
UiAutomation.OnAccessibilityEventListener 
will not be displayed until a result is returned back from the started activity. This is to avoid visible flickering when redire :ting to another Classes Action Barthod throws ActivityNotFoundException (/reference Action Baid/sonter (Asta vity Not Found Exception . html) if the e was no ActAcotivity Tabund to run the given Intent.

80 of 104 Activity Manager

**Activity** 

intent The intent to start.

Android APIs API level: 19

onactivity result() when the activity exits.

android options Additional options for how the Activity should

android.accessibilityservice

android.accounts Context.startActivity(Intent,

android.animation Rundla) for more details

android.app

and horidwas p.admin

android.app.backup android.content.ActivityNotFoundException android.appwidget

and Seed Absortooth

android content itv(Intent)

android.content.pm

android.content.res

Intent intent interestant requestCode. Bundle options) Added in API level 16

This is called when a child activity of this one calls it: startActivity(Intent) (/reference/android

Interfacesity.html#startActivity(android.content.Intert)) or

Acts tart & Activity English Sult (Intent, int) (/reterence/android

ActionBac:QnNavigationdristenigityForResult(android.content.Intent,

Action Ban Tablastener

Application.ActivityLifecycleCallbacks

ApplinicatioetloodPtbroodeA&sisiDattaVINstellerundException (/reference

App Ons Manager On Op Changed Listene btion. html) if the e was no

DateRickerDialog OnDateSetListenerent.

FragmentBreadCrumbs.OnBreadCrumbClickListener

Fra@arantellersager.BackStackEntry

FragmentManager.OnBackStackChangedListener

KeyguardManager.OnKeyguardExitResult

LoaderMatrager.LoaderCalleacks start.

Pendingulase Ob. On Final style request code. < 0 if reply is not requested.

SearchManager.OnCancelListenetions for how the Activity should

SearchManager.OnDismissListener

TimePickerDialog.OnTimeSetListenerActivity(Intent,

UiAutomation.AccessibilityEventFilter Bundle for more details. UiAutomation.OnAccessibilityEventListener

Throws

android.content.ActivityNotFoundException

Classes

**See Also** ActionBar

startActivity(Intent) ActionBarLayoutParams

Actions (Intent, int)

<u> વિશ્વામાં પ્રાથમિક tart Activity From Child</u> (Activity child,

Intent intent, int requestCode)

Added in API level 1

Android APIs

API level: 19 vity,

Intent, int, Bundle) (/reference/android

android / app/Activity.html#startActivityFromChild(android.app. Activity, android.accessibilityservice android.content.intent, int, android.os.Bundle)) with no options android.accounts

android.os.Bundle)) with no options.

android.animation

android.app

android.சிந்dadmin The activity making the call.

android. Apparbackup The intent to start.

android.appwidget Reply request code. < 0 if reply is not requested.

android.bluetooth

and individuos ntent

android.content.pm android.content.ActivityNotFoundException

android.content.res

and**See**dAdsobabase

andraidalatabaca salita + - - + 1

startActivityForResult(Intent, int)

# Interfaces bublic void startActivityFromFragment (Fragment

Attagnmento Instanti vintaguest Code, Bundle

AC pto Ba). On Navigation Listener

Added in API level 16

ActionBar.TabListener

Application. On Provide Assist DataListener

Application. On Provide Assist DataListener

Appops Frament hand tentactivity (and pid. content. Inter t)) or

Date translative by bar Respuist ( Jartent, int) (/reterence/android

Fractione/fit Boneard Cirtuit/fist and the and Cirtuit/fist and Cirtu

Fragment Manager. Back Stack Entry

FragmentManager.OnBackStackChangedListener

Keydua nothettanoachtern Owkseygtua voil Exvil Roets Edund Exception (/reference

Loader Manager Loader Callback Sund Exception. html) if the e was no

Pending Intent On Finished given Intent.

SearchManager.OnCancelListener

Sea Paravreterser. On Dismiss Listener

TimePickerDialog.OnTimeSetListener The fragment making the call.

UiAutomation.AccessibilityEventFilter

UiAutomatent.OnAccessiblityEventartener

Reply request code. < 0 if reply is not requested. requestCode

options Additional options for how the Activity should

Classes be started. See

Context.startActivity(Intent, ActionBar

ActionBar.LayoutParamole) for more details.

ActionBar.Tab

Activity@ndfoid.content.ActivityNotFoundException

#### See Also

```
Android APIs
                                                                                 API level: 19
android
and find a signification of the start A start 
<del>वार्यक्रिपेट्नर, भारत</del> intent, int requestCode)
                                                                                                               Added in API level 11
android.animation
android.app
                                                                                                               ragment,
androiteantp.admin Bundle) (/reference/android
andraid app backwar #startActivityFromFragment(android.app.Fragment,
android appwidget Intent, int, android.os.Bundle)) with no options.
android.bluetooth
and aid mentent
android.content.pm
                                        The fragment making the call.
android.content.res
                                        The intent to start.
android. Watabase
andraid database entite .......
                                                                                  o:f --- t requested.
      Throws
Interfacesoid.content.ActivityNotFoundException
Act See Balson Menu Visibility Listener
ActsomaBrandOntNawionartionnLtietenener
<u>Action Bar Alab Listen Φ</u>or Result (Intent, int)
Application.ActivityLifecycleCallbacks
Application.OnProvideAssistDataListener
Applic hoolean start Crivity Needed (Intent intent,
Pate Bakest Code of Pares of Industrial
                                                                                                               Added in API level 16
Fragment Bread Crumbs On Bread Crumb Click Listener activity
FragmentManagerBackStankEntive given Intent. In other words, this is
Fragment Manager On Back Stack Changed Listener, int) (/reference
KeyguardManager.OnKeyguardExitResult
LoaderManager.LoaderCallbacks
Pendingintent.OnFinished

Pendingintent.OnFinished
Searth Marrager & Meyntal Pring the FLAG_ACTIVITY SINGLE TOP
Searchiteman fandrick constents Hertent.html #FLAG_ACTIVITY_SINGLE_TOP) flag,
Timor Ricket Diesko Osi Timbe Set Listemeh Mode (/reference, android
UiAwtomatinn Accessibility Deptiture to launch Mode), and the activity
UiAutomation On Accressibility Exerts is tener urrently runring activity,
      then a new instance is not needed. In this case, instead of the
      normal behavior of calling onNewIntent(Intent) (/reference
Classes and rold/app/Activity.html#onNewIntent(android.content .Intent)) this
Action Bion will return and you can handle the Intent yourself.
ActionBar.LayoutParams
ActionBar.Tab
Activity
```

intent The intent to start.

Android APIs API level: 19

οπΑςτινιτγκεσμιτ() when the activity exits, as

android described in

android.accessibilitystavitActivityForResult(Intent, int).

android accounts Additional options for how the Activity should android.animation

ha started Con

android.app

concexc.scar caccivicy (incert,

android.app.admin Bundle) for more details.

android.app.backup

andreidragpwidget

android bluetooth was launched then true is returned; otherwise

android content and you must handle the Intent yourself.

android.content.pm andfold.content.res

androadrate and a second a second and a second a second and a second a second and a second and a second a second a second a second and

andrahrสมเอกรัฐสาราสารายาไป (Intent int)

## public boolean startActivityIfNeeded (Intent intent,

### Interfaces Code)

Added in API level 1

ActionBarOnManyVisibilityListenetyIfNeeded(Intent, int,

<u>ActionBar OnNavigationListener</u>

ActionBar.TabListener
/app/Activity.html#startActivityIfNeeded(android.content.int, int, Application.ActivityLifecycleCallbacks

Application: On Bundle)) with no options.

Application: On Provide Assist DataListener

AppOpsManager.OnOpChangedListener

DatePickerDialog.OnDateSetListener

Fragment BreadCrum be on tentados tentas Click Listener

Fragmant Manager. Back Stank Entry e will be returned in

FragmentManager.On Back Stack Change de les tenes ctivity exits, as

KeyguardManager.On Keyguard Exit Result

<u>LoaderManager.Loader&allhaeksvityForResult(Intent, int)</u>.

PendingIntent.OnFinished

Searetunanager.OnCancelListener

Seafrahlleanagtiv. Dyn Diasnliss shisted then true is returned; otherwise

<u>TimfeRicker@taloge@antimveSethuistemendle</u> the Intent yourself.

UiAutomation AccessibilityEventFilter

UiAutomation.OnAccessibilityEventListener

startActivity(Intent)

startActivityForResult(Intent, int)

#### **Classes**

public yoid **startIntentSender** (<u>IntentSender</u> intent Intent fillinintent, int flagsMask, int flagsValues, in

ktrafiags, <u>Bundle</u> options) tionBar, lab

Added in API level 16

Activity ice/android

ActivityGroup

#### /app/Activity.html#startActivity(android.content.Intent,

Android APIs API level: 19 and Intent, int, int, Bundle) (/reference, android and mid Accessibility service then the Sender For Result (and roid. content. Intent Se andraid.ageountsoid.content.Intent, int, int, android.os.Bundle)) android animation ation android.app and Paid metessimin android app backup The IntentSender to launch. android.appwidget If non-null, this will be provided as the intent androfid!bluee8bth parameter to sendIntent(Context, int, android.content android.content.pmIntent, IntentSender.OnFinished, android.content.resHandler). android database Intent flags in the original IntentSen ler that you android database soliter in . flagsValues Desired values for any bits set in *flac sMask* Always set to 0. Interfaces Additional options for how the Activity should be options ActionBar.OnMenuVisibilityListener ActionBar.OnNavigationListener Context.startActivity(Intent, ActionBar.TabListener bundle) for more details. If options have also Application.ActivityLifecycleCallbacks
Deen Supplied by the IntentSender, obtions given application.OnProvideAssistDataListener
Interest will override any that conflict with those AppOpsManager.OnOpChangedListener
DatePickerDialog.OnDateSetListener FramewtBreadCrumbs.OnBreadCrumbClickListener FragmentManager, BackStackEntry FragmentManager. On Back Stack Changed Listener KeyguardManager.OnKeyguardExitResult Loadin Managarah eta Slander (Intent Sender intent Pandinglittent Confinished as Mask, int flags Values, in Search Wang ger. On Cancel Listener Added in API level 5 SearchManager.OnDismissListener TimSamekangalingប្លូក្នុក្នុក្សដូច្នេះ TimSamekangalingប្រការក្នុក្សដូច្នេះ Intent, UiAinamatinh.Acinetsilhillinglyant Filtreference/android UiAutomationtOnAccessitiliteEventleistanepid.content.IntentSender, android.content.Intent, int, int, android.os.Buncle)) with no options. Classes **Parameters** ActionBar <u>ActionBatenatyoutPaTam</u>IntentSender to launch. Action Marinahot If non-null, this will be provided as the intent Activity t, int, ActivityGroup IntentSender.OnFinished, Intent.

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Handler).

Android APIs API level: 19 ler that you

would like to change.

android Hags Values Desired values for any bits set in flag sMask android.accessibilityservice

androfidiacognits Always set to 0.

android animation

android.app

andred and an arrange and a second a second and a second

android.app.backup

android appwidget IntentSenderForResult

<u>bluetooth</u> Se<u>nder</u> intent, int requestCode, <u>Intent</u>

fold content flagsMask, int flagsValues, int

raidiscontent no options)

Added in API level 16

and intelestrate and take tivity For Result (Intent, int) (/reference

android database solite

/app/Activity.html#startActivityForResult(android.content.Intent,

int)), but allowing you to use a IntentSender to describe the activity

Interfaces ed. If the IntentSender is for an activity, the t activity will be Action Bar On it you had malled the regular

Actions and (/ret erence/android

ActionDActivisten#startActivityForResult(android.content.Intent,

Application Activity Wifee virse Saldo action will be executed (such as

Application On Brayide Assist Datalistenaned

Appropriation of the propriet of the propriet

DatePickerDialog On DateSetListener DatePickerDialog On DateSetListener

FragmentBreadCrumbs.OnBreadCrumbClickListener android.content.Intent, android.content.Intentsender.C ragmentManager.BackStackEntry

android os Handler) Lon II. FragmentManager:OnBackStackChangedListener

KeyguardManager.OnKeyguardExitResult Parameters LoaderManager.LoaderCallbacks

Pending intent. On Fin Islee of tent Sender to launch.

Search Manager On Cancel istigned de will be returned in

SearchManager.OnDismissliistener. It() when the activity exits.

TimePickerDialog.OnTimeSetListener.

UiAutomation.AccessibilityEventFilter.

DiAutomation.OnAccessibilityEventListener.

UiAutomation.OnAccessibilityEventListener.

Intent, IntentSender.OnFin.shed,

Handler).

Classes Mask

Intent flags in the original IntentSer der that you

would like to change.

ActionBar

Action Bar ValvestParams Desired values for any bits set in flagsMask

ActioneBr**anaFal**abas Always set to 0.

Activity

ActivityGroup A \_ ± ! . . ! ± . . B A \_ . . \_ \_ . . . .

options Additional options for how the Activity should Android APIs API level: 19 Bundle) for more details. If option; have also android android.accessibility equisupplied by the IntentSender, options given here will override any that cor flict with android.accounts android.animation those given by the IntentSender. android.app android.app.admin andrentSenderSendIntentException android.appwidget android bluetooth Dublic void **startIntentSenderForResult** android content (IntentSender intent, int requestCode, Intent android content int Tillfinitient, int flagsMask, int flagsValues, int android content res extraffags) android database Added in API level 5 atilna aubdetah hiarhne startIntentSenderForResult(IntentSender, int, Intent, int, int, Bundle) (/reference, android Interfaces ity.html#startIntentSenderForResult(android.content.IntentSe ActionBarOnWichevisionttelistener, int, int, android.os.Bundle)) ActNUHBap.OnNVaViStationListener

<u>ActionBar.TabListener</u>

Application. Activity Lifecycle Callbacks

Application on Provide Admission and Application of the Provider Admission of the Provider Application of the Prov

AppOpsManager On Opchanged Listenell be returned in

<u>DatePickerDialog.OnDateSetHintenat()</u> when the activity exits.

FragmentBreadCrumbs.OnBreadCrumbClickListener
fillInIntent
FragmentManager.BackStackEntry

FragmentManager.BackStackEntry

FragmentManager.BackStackEntry

FragmentManager.BackStackEntry

FragmentManager.BackStackEntry

FragmentManager.BackStackEntry

FragmentManager.BackStackEntry

FragmentManager.BackStackEntry

FragmentBreadCrumbs.OnBreadCrumbClickListener

FragmentBreadCrumbs.On

FragmentManager.OnBackStackChangedListener

KeyguardManager.OnKeyguardExithesini

LoaderManager Loader Calibacks

Pendinghaterate On Finisterd flags in the original IntentSer der that you

SearchManager.OnCangellistererhange.

SearchManager OnDismissListener for any bits set in flagsMask

TimePickerDialog.OnTimeSetListener

UiAut&MfalfonPAccessIVinXVEVenteliter

UiAutomation.OnAccessibilityEventListener

IntentSender.SendIntentException

#### Classes

Apublic yoid startIntentSenderFromChild (Activity Achild IntentSender intent, int requestCode, Intent Alliningtent, int flagsMask, int flagsValues, int

Added in API level 5

ActivityGroup startIntentSenderFromChild(Activity,

```
IntentSender, int, Intent, int, int, Bundle)
Android APIs
                                                                                  API level: 19
      , app, necryrey. Hemenstar tricentsender i romenrea (androra. app. Activity,
and roll int. IntentSender, int, and rold.content. Intent, int, int,
and roid accessibility service with no options.
android.accounts
and Trovid was imation
android.app
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android.app.admin
android.app.backup
apudlobiid: apidvista ettl ntent Sender From Child (Activity
achiloidibteet&ander intent, int requestCode, Intent
afildholdteorttent flagsMask, int flagsValues, int
aexobroai Flagorste Bupolle options)
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android.content.res
andiold:database
and water energy and rought a
      /app/Activity.html#startActivityFromChild(android.app. Activity,
      android.content.Intent, int)), but taking a IntentSender; see
InterfactantentSenderForResult(IntentSender, int,
Intent, int, int, int) (/reference/android
ActionBar.OnMenuVisibilityListener
ActionBar.OnNavigationListener

ActionBar.OnNavigationListener
Action Bain tabing to the content. Intent, int, int, int)) for more
Applifeation ! Attivity Lifecycle Callbacks
Application.OnProvideAssistDataListener
App Ops Manager. On Op Changed Listener
Date Priteret Sein libera. Sem Derte Shet Existetien
FragmentBreadCrumbs.OnBreadCrumbClickListener
FragmentManager.BackStackEntry
Pragmentinanager: On Baging Cursor (Cursor Charger Fragmentinanager: On Baging Cursor (Cursor Charger Fragment)
                                                                                                                   Added in API level 1
KeyguardManager.OnKeyguardExitResult
This method was deprecated in API level 11.
LoaderManager.LoaderCallbacks
Use the new CursorLoader (/reference/android/con:ent
PendingIntent.OnFinished
SearchManager.html) class with LoaderManager (/re erence/android
Sed appn (Nearle grange grant is thinks in stead; this is also available on older
Tinpelatifokren Bithloogugh Time & Sed Lois decreem patibility package.
UiAutomation.AccessibilityEventFilter
UiAThis method allows the intributate is the given
      Cursor (/reference/android/database/Cursor.html)'s li ecycle for you
      based on the activity's lifecycle. That is, when the ac ivity is stopped
Clitwill automatically call deactivate() (/reference, android/database
       /Cursor.html#deactivate()) on the given Cursor, and when it is later
ActionBar.LayoutParams
ActionBar.LayoutParams

| Control | Control
ActionBar: Tabl#requery()) for you. When the activity is destroyed, all
                                                                                                                 are targeting
Activity
```

Activity Manager

/os/Build.VERSION CODES.html#HONEYCOMB) or later, consider instead using

er.html) instead. API level: 19 Android APIs

uvanabic via 90 LE0000-1110110901 <del>(, , e , e , e , e , e , u , u , o</del> i d

and month Activity. html#getLoaderManager()).

android.accessibilityservice

an Warning: On not call close() (/reference/android/da tabase

andfoidcanhmattomse()) on cursor obtained from manag adQuery(Uri,

android.app erence/android

android app admin | #managedQuery(android.net.Uri, java.lang.String[],

android appwidget activity will do that for you at the appropriate time. However, if you android bluetooth call stopManagingCursor(Cursor) (/reference/a android.content

andapp(Activity.html#stopManagingCursor(android.database..Cursor)) on a

and will not automatically

and loved be sursor and, in that case, you must call close()

and r/minferherhand regrithed at a hase / Cursor, html #close())

#### **Parameters**

#### Interfaces Cursor to be managed.

Ac**tS@e**B**4ds0**nMenuVisibilityListener

ActionBar On Navigation Listenenet . Uri, String[], String,

ActionBaraTabListenerna)

Application ActivityLifecycle@allbacks

Application.OnProvideAssistDataListener

AppOpsManager.OnOpChangedListener

நுடிந்தைந்தை start Next Matching Activity (Intent

Fracent OntBreadCrumbs.OnBreadCrumbClickListener

Added in API level 1

FragmentManager.BackStackEntry
Same as calling StartNextMatchingActivity(Intent,
FragmentManager.OnBackStackChangedListener
Bundle) (/reference/android
KeyguardManager.OnKeyguardExitResult

LoaderWanagerLoaderCalibacks

Penaddingiates Bondies) with no options.

SearchManager.OnCancelListener

Search Manager. On Dismiss Listener

Time Price let Dialba in the Trime Seis dialete to the next activity. For correct

UiAutomationbackasibility Evest Fieldene same as the Intent that

UiAutomations@anAectessibilityExetitlitsteheronly change : you can

make are to the extras inside of it.

Returns a boolean indicating whether there was another Activity to Action Barue if there was a next activity to start, false if there wasn't. ActionBast त्रप्रापि Baramaurned you will then want to call finish() on Action Ban Tab

Activity

ActivityGroup

Added in API level 1

#### public boolean startNextMatchingActivity (Intent

Added in API level 16 API level: 19 Android APIs

Special version of starting an activity, for use when you are replacing android officer activity components. You can use this to hand the Intent off to android accessibility that year handle it. You typically call this in

android accounts ndle) (/reference/android

android animation name of the latent

android.app

returned by getIntent() (/reference/android android.app.admin

and Activity html #getIntent()).

android.appwidget

android billetooth

androidteontent he intent to dispatch to the next activity. For android content prect behavior, this must be the same as the Intent android.contenthes started your own activity; the only changes you android.databasen make are to the extras inside of it.

android database enlite . rould be

> started. See Context.startActivity (Intent, Bundle) for more details.

#### Interfaces Returns

ActionBar On Menu Visibility Listener Herums a boolean indicating whether there was another Activity to ActionBar On Navigation Listener

Action Bar Title if there was a next activity to start, false if there wasn't. ActionBar Tablistener returned you will then want to call finish() on Application ActivityLifecycleCallbacks

yourself.

Application.OnProvideAssistDataListener

AppOpsManager.OnOpChangedListener

முயுத்தில் weigh start Search (Strings initial Query, boolean

rselectinitial Query Bundler app Search Patachoolean

FULL State State State Entry FragmentManager,OnBackStackChangedListener

This hook is called to faunch the sear KeyguardManager.OnKeyguardExitResul

<u>Loader Manager Lander Callbacks</u> archRequested(), eithe directly from Pendingintenson-Enishedested() or from an overridden rersion in any SearchManagary ហា្រ្តីខ្លាប់ទៀតវាទីទៅក្រាប្រ to activate searc i, it is preferred Search Manaser Cn Rismissleite Mich may have been cverriden Time Picker Dialogo On Time Set Lestenegoal is to inject specific data such UiAutomation Aggessibility Eyent Filtererride on Search Requested (), so UiAutomation On Accessibility Event Listener override.

#### **Parameters**

Classe<sub>FitialQuery</sub> Any non-null non-empty string vill be inserted as pre-entered text in the search

ActionBar ActionBar.LayoutParamsquery box.

Action Beat Trails al Query If true, the intial query will be p eselected, Activity /pina will

ActivityGroup replace it. This is useful for cases where an A \_ \_ . . . . . . A \_ . . . \_ . . .

	entire pre-formed auerv is being inserted. If
Android APIs	API level: 19 placed at
	his is useful
<u>android</u>	when the inserted query is text that the
android.accessibilityser	vilser entered, and the user wou d expect to
android.accounts	be able to keep typing. This parameter is
android.animation	only meaningful if initialQuery is a non-empty
android.app	
androiadh <b>a Spaarchno</b> ianta	An application can insert application-
android.app.backup	specific context here, in order to improve
android.appwidget	quality or specificity of its own searches.
<u>android.bluetooth</u>	This data will be returned with 3EARCH
android.content	intent(s). Null if no extra data is required.
android content pm	If false, this will only launch the search that
android.content.res	has been specifically defined by the
<u>android.database</u>	application (which is usually defined as a
android database solite	ch is
	defined in the current application or
	activity, global search will be la ınched. If
Interfaces	true, this will always launch a platform-
ActionBar OnMenuVisib	global (e.g. web-based) search instead. lityListener
Active Pals On Navigation Listener	
ActionBar Tablistener	<u>Lioterier</u>
Application Activity Lifes	voleCallbacks
Application.OnProvideA	.u (
AppOpsManager.OnOpC	
<u>putoric residing top Managing Cursor</u> (Cursor c)  Added in API level 1	
FragmentBreadCrumbs.OnBreadCrumbClickListener	
Frathis method was dereseated in API level 11.	
Frading the Marya Gett Considered the fraction of the fraction	
K <mark>eyGuærottVærdærgetroln) ខេត្តទទួន អប់មានដែលទេបា</mark> Manager (/re erence/android	
L <mark>oadenMeantægneardaoad.en@a)lbrætkea</mark> d; this is also available on older	
	ad Android compatibility package.
SearchManager.OnCanc	
Searing an angle on hoas m	
	Section (/reference/and:oid
UiAutomationtAccessibilityEventhitesor(android.databas a.Cursor)), stop UiAutomation:OnAccessibilityEventhisteser	
UIAHADAAAAA, SASA	PHOTH NET CHEST
Warning: After calling this method on a cursor from a managed	
Classify the system will not automatically close the cursor and you	
must call close() (/reference/android/database/Curs or.html#close()).	
ActionBar	
Action Bar Tab	<u>8</u>

<u>Асфију Фјенир</u>

**Activity** 

ActionBar,Tab

#### startManagingCursor(Cursor)

Android APIs API level: 19

public volu takekeyEvents (boolean get) Added in API level 1

android

and for est that key events come to this activity. Use this if your activity has no views with focus, but the activity still wants a chance to androgessikey eyents.

android.app android.app.admin takekeyEvents(boolean) android.app.backup

android.appwidget

andholid bhidtoigigerSearch (String query, Bundle

androse and the late a)

Added in API level 5

android.content.pm

and include the start Search (String, boolean, Bur dle,

and amin't that a hack tom tite art Sparch (iava land String hoole an.

android.os.Bundle, boolean)), but actually fires off the search query after invoking the search dialog. Made available for testing

#### Interfaces

Action Bare Park lenuVisibilityListener

ActionBar.OnNavigationListener

ActionBar.TabListener

De ignored.

Application.ActivityLifecycleCallbacks

Application of the Application AppOpsManager.OnOp@patextednerseinerder to improve quality or

<u>DatePickerDialog.OnD</u>ส**เอร**อย่**ไ**เดิร์ซอล์

FragmentBreadCrumbs on Metheragedry with Strake Geleinstent (;). Null if no

FragmentManager.BackStrackEtalis required.

FragmentManager.OnBackStackChangedListener

KeyguardManager.OnKeyguardExitResult public void **unregisterForContextMenu** (View view Added in API level 1 LoaderManager.LoaderCallbacks

Pendinalnteat கொங்க்கம் u to be shown for the given v ew. This

SearchManagerAnGangeListeneronCreateContextM:nuListener

SearchManager On Dismiss Vistemer reateContextMenuListener.html) on the TimePickerDialog.OnTimeSetListener
view.

UiAutomation.AccessibilityEventFilter

UiApptemationsOnAccessibilityEventListener

view The view that should stop showing a context menu.

#### Classe45:0

Actions: Actions terForContextMenu(View)

ActionBar.LayoutParams

ActionBar.Tab

Activity

ActivityGroup A \_ ± : . . : ± . . A A \_ . . \_ . . . . . . . . .

#### protected void onActivityResult (int requestCode. int

Added in API level 1 API level: 19 Android APIs

Called when an activity you launched exits, giving yo I the

android returned, and any returned it with, the resultCode it returned, and any android accessibilityservice ne resultCode will be RESUL CANCELED

shed during its

android.app

android.app.admin

app backuphis call immediately before onResurne() when your

android.bluetooth

andraidmentent

android.content.pm
TequestCode
android.content.res

startActivityForResult(), allowing you to identify android database solite

resuitcoae The integer result code returned by the child activity through its setResult().

An Intent, which can return result data to the Interfa*e*es caller (various data can be attached to Intent

ActionBar.OnMenuVisibilityListener

ActionBar.OnNavigationListéner

Act**Sor**B**AleP**abListener

ApsticationchotwitwlffeckdeQaltbacksent, int)

ApplicetioeP@mBrovideAssistDataListemeent.int)

App@psManager;QnQpChangedListener

DatePickerDialog.OnDateSetListener

FragmentBreadCrumbs.OnBreadCrumbClickListener

HIGHER HAND AND AND THE PRESOURCE

ABESOURCES Theme theme intreside boolean first) Added in API level 1

Keyguard Manager On Keyguard Exit Besult (and roid

LoaderManager.LoaderCallbacks
/view/ContextThemeWrapper.html#setTheme(int)) and get Theme()
PendingIntent.OnFinished

Searchwanager.OncanceiListener

Searthemanager wrop to the current Theme object. Can o verride to

Time कार्य हो कि तिर्देश में निष्यु हो हिस्सिक्शं or. This method will not be called

UIADtOHIGHERESSS TAINUTERER STAFF

<u>UiAutomation.OnAccessibilityEventListener</u>

theme The Theme object being modified.

Classes The theme style resource being applied to theme.

Set to true if this is the first time a style is being Action Bar

ActionBar.Lay@pppipadatostheme.

ActionBar.Tab

Activity

protectea voia onunila i itieunangea (<u>Activity</u>

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```
childActivity, CharSequence title)
                                                            Added in API level 1
Android APIs
                                           API level: 19
protected void oncreate (Bundle
മുള്യുള്യിnstanceState)
                                                            Added in API level 1
android.accessibilityservice
and alled when the activity is starting. This is where most initialization
and out and a setContentView (int) (/refere nce/android
                                                           ctivity's UI,
android.app
androidgafipradhiewById(int)_(/reference/android
andraid app backup #findViewById(int)) to programmatically interact
andraid approvidget the UI, calling managedQuery(android.net.Uri,
android bluetooth tring, String[], String) (/reterence/android
android.content
android.content.res java.lang.String[], java.lang.Strinc()) to retrieve
and wisous far about a being displayed, etc.
android database solite
    /app/Activity.html#finish()) from within this function in which case
   onDestroy() will be immediately called without any of the rest of the
   activity lifecycle (onStart() (/reference/android
Action Bar Gn Menul Missibility Listene Resume() (/referen :e/android
ActionBar On Navigation Listenes, on Pause () (/referen e/android
ActionBar TabListener / Appl/Activity.htmt#onPause()), etc) executing. Application.ActivityLifecycleCallbacks
Application Opprovide Assist Databistener super class's in plementation of
AppOpsManager OnOpohanged Listener will be thrown.
DatePickerDialog.OnDateSetListener
Fra@arant@reasdCrumbs.OnBreadCrumbClickListener
Fragment Manager BackStackEntry Savedinstance State The activity is being re-initialized after Fragment Manager. On BackStack Changed Listener down then this Keyguard Manager. On Keyguard Extra Bundle contains the data it nost
LoaderManager.LoaderCallbacks
Tecently supplied in
PendingIntent.OnFinished onSaveInstanceState(B indle).
SearchManager.OnCancelListener Note: Otherwise it is null.
SearchManager.OnDismissListener
Tinsa Pickler Dialog. On Time Set Listener
UiAutemation Accessibility Event Filter
UiAutemation OnAccessibility Event Listener
   onRestoreInstanceState(Bundle)
   onPostCreate(Bundle)
Classes
ActionBar.LayoutParams (int id)
                                                            Added in API level 1
ActionBarctab was deprecated in API level 8.
Activity
                                                              Bundle)
ActivityGroup
```

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Added in API level 8

(/reference/android/app/Activity.html#onCreateDialog(int,
Android APIs
API level: 19

<del>क्रिपेश्</del>टिted <u>Dialog</u> **onCreateDialog** (int id, <u>Bundle</u> <u>क्राच्याचे accessibilityservice</u>

android.accounts

andrioid meithedionas deprecated in API level 13.

android.app

android app adminent.html) class with FragmentManacer (/reference

android.app.backup
//android/app/fragmentManager.html) instead; this is also available on android.app.widget

android appwidget older platforms through the Android compatibility package. android bluetooth

android content creating dialogs that are managed (saved and restored) android content tivity. The default implementation of lls through to android content resog(int) (/reference/android

android database // database solite android database solite

targeting Home February Literer enceranarosa

/os/Build.VERSION CODES.html#HONEYCOMB) or later, consider instead using

Interfaces
Interfaces
instead.

ActionBar.OnMenuVisibilityListener

ActionBationBailonBailahpia (dinate) (/reference/android

Action Bact Tabtisten #showDialog(int)), the activity will call through to Application Activity fife cycle Calle ackey onto it thereafte . Any dialog

Application: On Provide As sistilizate List engine b matically be saved and

Appens Marrage Con Re Change chastener is showing.

DatePickerDialog.OnDateSetListener

Frakingen novelditikenthes antiriteation analoge saving nand restoring dialogs Fraking new Manager Black statike this method and handle any ids that are Frakense and manager bias to a statike the method and handle and ids that are frakense and manager bias to a statike that are statike the method and handle and ids that are frakense and the statike that are sta

Kevanand Vianager Out Kewa Lard Exit Result

LoaderManager.LoaderCallbacks

Pehfdynoulmtentddikeimishood ortunity to prepare your dialo; before it is Seshoov paragraphialog (int, Dialog, Bundle)

Search Manager Or Disapis skisten er html #on Prepare Dialog (int,

TimeRickerDialog On TimeSetListener (e)).

UiAutomation.AccessibilityEventFilter

Ui ARacamaeters On Accessibility Event Listener

id The id of the dialog.

Classes
The dialog arguments provided to <a href="mailto:showDia">showDia</a> log(int, Bundle).

<u>ActionBar</u>

Act Rest Bans Layout Params

Actione Blia Took If you return null, the dialog will not be created.

Activity Group

#### onPrepareDialog(int, Dialog, Bundle)

Android APIs

API level: 19

andremoveDialog(int)

android.accessibilityservice

अभिराधिक १६९८ १६९८ on Destroy ()

android animation

ved. This can

Added in API level 1

android.app

and people is the factority is finishing (some one called and hat hat hat hat he ference / and roid / app / Activity . html # fini sh()) on it, or andreid asse thie sestem is temporarily destroying this instance of the

and rotio librute to a the space. You can distinguish between these two and socidations tempith the isFinishing() (/reference/and oid

andraid content nm l #isFinishing()) method.

android.content.res

andvoid: database unt on this method being called as a place for saving and total database medition activity is addition data in a content provider.

those edits should be committed in either onPause() (/reference /android/app/Activity.html#onPause()) or

#### Interfaces stanceState(Bundle) (/reference/andioid

ActionBar.OnWenuVisibilityEistener Actionsmethod is desirable lemented to free resource s like threads Action bare rassociated with an activity, so that a destroyed activity does Approtation is still Application Trepeare situation a where the system will simply kill the ApadisiWanagationoperemovides the method (or any others) DatertcReibsกอนเป็นการเลืองและเราะ

Fradmendented them by Os Breat CHUM b Click Listener

FragmentManager.BackStackEntry

Derived classes must call through to the super class's in plementation of FragmentManager.OnBackStackChangedListener,
this method. If they do not, an exception will be thrown.
KeyguardManager.OnKeyguardExitResult

Loader Manager. Loader Callbacks

PendingIntent, OnFinished
OnFause()
SearchManager. OnCancelListener
SearchManager. OnDismissListener

TimePickerDialog.OnTimeSetListener

UiAutomation:AccessibilityEventFilter

UiAutomation.OnAccessibilityEventListener

protected void **onNewIntent** (<u>Intent</u> intent)

Added in API level 1

Classes called for activities that set launchMode to "s ngleTop" in their package, or if a client used the <u>FLAG\_ACTIVIT</u> <u>'\_SINGLE\_TOP</u> ActionBar (/reference/android/content/Intent.html#FLAG\_ACTIVITY\_5INGLE\_TOP) flag ActionBarLayoutParams
When calling StartActivity(Intent) (/reference /android ActionBar.lab t)). In either

Acfier Gwolen the activity is re-launched while at the top of the activity A \_ ± ! . . ! ± . . N A \_ . . . \_ . . . .

stack instead of a new instance of the activity being started.

with the Intent API level: 19 Android APIs

and raid ctivity will always be paused before receiving a r ew intent, so android accessibility service ume () (/reference/android

android accounts android accounts being called after this method. android.animation

android.app

android app.admin still returns the original Intent. You android.app.backup

Can Use SetIntent(Intent) (/reference/android
android.app.widget

and and Antivity that ml #setIntent(android.content.Intent)) o update it to andhisdnewhtetent.

android.content.pm Parameters android.content.res

androided atabase new intent that was started for the activity.

android database solite

getIntent()

Interfaces
onResume()

ActionBar.OnMenuVisibilityListener

ActionBar.OnNavigationListener protected void **onPause** () ActionBar.TabListener

Added in API level 1

Applications Activity Life cycle Galltacks le when an activit / is going into Apphieation On Browide Assist Data to be seen killed. The counterpart to App@psManager.On@pChangedListenes/Activity.html#onResume()). DatePickerDialog.OnDateSetListener

Fravorment Britarid C Buins backing Became Ground of lieuteliviste ment his callback will be Fraignmented/loam age: BraickStatekEretayed until A's onPause() (/reference FragmentManager.OnBackStackChangedListenero be sure to not do

KeyguardManager.OnKeyguardExitResult

LoaderManager.LoaderCallbacks

Pending date at the least of th Search Wtong con One and estatement edit in place" model to the user and SearchManager:OnDismissoistiennere are not enough resources to start Timbelicker Dialogy On Throe Setts is telling this one. This is a lso a good Ui Aultava ation Angessike its to be antifilitations and other things that UiAutosnation Annocessibility Enerot CRener order to make the switch to the next activity as fast as possible, or to close resources that are exclusive access such as the camera.

#### Classes

In situations where the system needs more memory t may kill Action Bed processes to reclaim resources. Because of this, you should <u>ActionRas Layeut Parawos</u>r state is saved by the time you return from this Action Bast Tala deneral on Save Instance State (Bund <u>e</u>) (/reference Activity

ActivityGroup A \_ ± ! . . ! ± . . N A \_ . . . \_ . . . .

```
used to save per-instance state in the activity and this method is
                                                           ders, files, etc.)
                                           API level: 19
Android APIs
```

After receiving this call you will usually receive a folk wing call to andrast op() (/reference/android/app/Activity.html#onSt pp()) (after the android accessibilityservice next activity has been resumed and displayed), however in some android accounts be a direct call back to onResume() (/reference android.animation \_\_\_\_\_\_ hrough the android.app android:app.admin android app backup Derived classes must call through to the super class's inplementation of android appwidget method. If they do not, an exception will be thrown. android.bluetooth and pidmentent android content.pm android content resceState(Bundle) android database

# protected void onPostCreate (Bundle

# sayedinstanceState)

Added in API level 1

Action Bary of An artivity batter type is complete (after on Start ()

Action Bare On Mando and isterior ty. html #on Start()) and

ActionRearTabe Isterten ceState (Bundle) (/reference, android

Application Activity if the School Backs State (and roid.os. Fundle)) have

Application On Provide Assist Data Listener not implement this method;

AppOpsMander for system classes to do final initialization after

DatePickerDialog OnDateSetListener

FragmentBreadCrumbs.OnBreadCrumbClickListener

Fragenierat Netrosage in Back State the Entire to the super class's in plementation of

Fragingent Manager han Back Stack Shanged with been rown.

KeyguardManager.OnKeyguardExitResult

LoaderCallbacks

PendingIntent OnEmished If the activity is being re-initialized after

SearchManager.OnCancelListeneusly being shut down then this

SearchManager.OnDismissbistener ontains the data it most

TimePickerDialog.OnTimeSetListenetupplied in

<u>UiAutomation.AccessibilityExentFilterstanceState(Bundle)</u>.

UiAutomation.OnAccessibilityEventListeneIt is null.

#### See Also

#### Classesate(Bundle)

#### ActionBar

Apropheted avoid ton Post Resume () Added in API level 1

ActionBar.Tab ;ume()

Activity Grance/android/app/Activity.html#onResume()) has been called). 

Applications will generally not implement this method; it is intended resume code

API level: 19 Android APIs

and sold ed classes must call through to the super class's in plementation of android agressibility बार्र दिन, an exception will be thrown.

android.accounts

and Seed Adsomation

android.app

android.app.admin

android.app.backup

<u>arrofereted word en Prepare Dialog</u> (int id, <u>Dialog</u>

dialog) androig bluetooth

Added in API level 1

android.content
This method was deprecated in API level 8.
android.content.pm
Old no-arguments version of onPrepareDialog(ir t, Dialog, android.content.res

undle),(/reference/android/app/Activity.html#onPre pareDialog(int,

android app Dialog;; android os Bundle)).

#### protected void onPrepareDialog (int id, Dialog Iditeofa@esdle args)

Added in API level 8

ActionBar OnMenuVisibilityListener.
This method was deprecated in API level 13.

ActionBar.OnNawigationListener
Use the new blatogragment (/reference/android
ActionBar.TabListener
/app/DialogFragment html) class with FragmentManacer (/reference
Application.ActivityLifecycleCallbacks

Approduction and fragment states that the state is also available on

DatePickerDialog.OnDateSetListener

Provides an opportunity to prepare a managed dialog before it is Fragment BreadCrumbs. On BreadCrumbClickListener being shown. The default implementation calls through to FragmentManager. BackStackEntry on PrepareDialog(Int. Dialog) (/reference/an Iroid FragmentManager.On BackStackChangedListener

Keyapp/Activity html#pnRreparedialog(inth android app.Di alog)) for

Loaden Matiatiey. Loader Callbacks

PendingIntent.OnFinished Search Manager. On Line and to update a managed dialog based on the state of the application each time it is shown. For example, a time Search Manager. On Dismiss List Energy and the application each time it is shown. picker dialog might want to be updated with the current time. You TimePickerDialog. On TimeSetListener should call through to the superclass's implementation. The default LiAutomation Accessibility Event Fifter LiAutomation will set this Activity as the owner activity on the UiAutomation. On Accessibility Event Listener

**Parameters** 

Classes

Dialog.

The id of the managed dialog.

Action Bar ActionBar.LayoutParams

Action Bar. Tab The dialog arguments provided to

Activity

Activity Group

#### onCreateDialog(int, Bundle)

```
Android APIs
                                          API level: 19
andremoveDialog(int)
android.accessibilityservice
अभूपार्थिक शिक्षा on Restart ()
                                                          Added in API level 1
android animation
android.app
and repid reproved mile ml #on Stop()) when the current activity is being
and rounds appropriate the user (the user has navigated back to it). It will be
android (/reference/android
android bluetooth and then onResume() (/reference
android.content // /android/app/Activity.html#onResume()).android.content.pm
android content that are using raw Cursor (/reference, android/database
android.database
/(ursor.html) objects (instead of creating them throu jh
   <u>manageaquery.anarosannec.ors, Sersng,, String,</u>
   String[], String) (/reference/android
Interfaces
   java.lang.String, java.lang.String[], java.lang.Strinc()), this is
ActionBar On Manual sibility histories or should be requeried (because you
ActionBarOnNavigationListener() (/reference/android
ActionBar,TabListener
/app/Activity.html#onStop()).
Application.ActivityLifecycleCallbacks
Application Opprovide Assist Databiste the super class's in plementation of
AppOpsManager OpOpChanged Listenes n will be thrown.
DatePickerDialog.OnDateSetListener
FrageeAlsBreadCrumbs.OnBreadCrumbClickListener
Fragment Manager. BackStackEntry
Fragment Manager. On Back Stack Changed Listener
KeyguardManager.OnKeyguardExitResult
LoaderManager.LoaderCallbacks
PendingIntent.OnFinished
Seaver Matage State InissListener
                                                          Added in API level 1
TimePickerDialog OnTimeSetListener
This method is called after onStart() (/reference/android UiAutomation.AccessibilityEventFilter
Ui Adromation on the activity is beir g re-initialized
   from a previously saved state, given here in savedInstanceState. Most
   implementations will simply use onCreate(Bundlε) (/reference
Clandroid/app/Activity.html#onCreate(android.os.Bundle)) to restore their
   state, but it is sometimes convenient to do it here after all of the
ActionBar initialization has been done or to allow subclasses to decide whether
ActionBar. Layout Params
To use your default implementation. The default implementation of ActionBar. Tab
Activity
Deen 1102er
ActivityGroup
        inozen by onbaverns cancebrate (bundie) [/reference
```

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/android/app/Activity.html#onSaveInstanceState(android.os.Bundle)).

```
Android APIs
                                                                                   API level: 19
                                                                                                                 ce/android
android
(app/Activity.html#onStart())
and onPostCreate(Bundle)
and roid.accessibility service: and roid.accessibility service:
android.accounts
Parameters android animation
android.app
                                                                                                                 ed in
                                                      onSaveInstanceState(Bindle).
android.app.admin
android.app.backup
android.appwidget
and Greate (Bundle)
and n Rost Greate (Bundle)
androResouncent.pm
androschoerIteatersceState(Bundle)
android.database
android database solite
                                                                                                                  Added in API level 1
      Called after onRestoreInstanceState(Bundle) (/reference
Interface/Spp/Activity.html#onRestoreInstanceState(android.os.Bundle)),
onRestart() (/reference/android/app/Activity.html# onRestart()), or
Action Barsh Navigator nest and poid app/Activity.html #onl ause()), for your
Actactive to the state of the s
Appresimienimations.ippencerodusivekaccess devices (such as the
Apβክሮαዊ፣ውስ. ወቱምrovideAssistDataListener
AppOpsManager.OnOpChangedListener
DatePickerDialog OnDateSetListener
FragmentBreadCrumbs.OnBreadCrumbClickListener
FragmentManager.BackStackEntry
Frat/reference/android/pap/Astivity-html#pnWindowEpcusCha aged(boolean)) to
Keyknow diviacet dein Childe you a retexitive is unisible to the user (for example,
Loader Manage george Callbacks
PendingIntent.OnFinished
SearchManager. On Cancel Listener to the super class's in plementation of
SearchManager.OnDismissListener
TimePickerDialog.OnTimeSetListener
UiAutomation.AccessibilityEventFilter
OnRestoreInstanceState(Bun
UiAutomation.OnAccessibilityEventLis
      onRestart()
      onPostResume()
Classe()
ActionBar
ACTION BAR LANGID PASAVEINSTANCESTATE (Bundle
                                                                                                                  Added in API level 1
Action Bar Tab
Activity
                      o remere per motanee otate nom an activity Defore being
Activity Group at the state can be restored in onCreate Bundle)
```

```
(/reference/android/app/Activity.html#onCreate(android.os.Bundle)) or
```

API level: 19 Android APIs

<u>/app/netivity.neme#onnestoreinstancestate(anaroid.os.i.\_undle))</u> (the

and to it is an analysis of the control of the cont andreithed cests beilitas sevice both).

android.accounts

and his method is called before an activity may be killed so that when it android.app

and point assivity A will have a an ശ്രിഷ്ട്രൂള്ള പ്രൂട്ടപ്പുള്ള the current state of its user interface via this method and the type of the user returns to activity A, the state of the user and ครุษเลือดหนอง be restored via on Create (Bundle) ( reference and month original port (and roid os . Bundle) or androRestotentrestanceState(Bundle) (/reference, android android.databasetml#onRestoreInstanceState(android.os.E undle)). android database solite

Do not confuse this method with activity lifecycle callbacks such as onPause() (/reference/android/app/Activity.html#onl ause()), which

Interfaces called when an activity is being placed in the background or on its way to destruction, or onStop() (/referenc :/android ActionBar.OnMenuVisibilityListener ActionBar.OnMenuVisibilityListener ActionBar.OnNavigationListener Action Balle af Lysten an Pause () (/reference/android

Applipm/Hativith/html#corouse() (/reference/android Applipation On Provide Assisist Data casted and not this me hod is when a Apple Bero activity A: there is no need to Date: Pickes Diato On Date Set Lister Mundle) (/reference, android FragmentBreadCrumbs.OnBreadCrumbClickListenerBuncle)) on B

Fragment Manager Back Stack Entry will never be restored, so the Fragment Manager On Back Stack Changed Listener system avoids calling it. An example when on Pause () (/reference KeyguardManager.OnKeyguardExitResult
/android/app/Activity html#onPause()) is called and no LoaderManager.LoaderCallbacks
PendingMtcnt:OnPinished

Verference/andioid

Sedann Mativity htm #on Saye Instructed (and roid os . Bunc le)) is when

Searcth Witar Bice a Complsed is stiote refractivity A: the system may avoid TinoaHiokeoDSatoceOnstraesestatee(Bundle) (/refere ce/android

UiAutomationtAccassinsitveEveratcitseste(android.os.Buncle)) on activity

UiAutemation Quad crassibility Frentlisters ince the state of the user interface of A will stay intact.

Classes fault implementation takes care of most of the UI per-instance state for you by calling onSaveInstanceState() (/reference ActionBar // Jandroid/view/View.html#onSaveInstanceState()) on each view in the ActionBar.LayoutParams ActionBar Paper tation of Activity Group

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```
/app/Activity.html#onRestoreInstanceState(android.os.Bundle))). If vou
                                                                                                                                                                        ot captured by
                                                                                                                           API level: 19
Android APIs
                                                                                                                                                                        ah to the default
and old
android.accessiblifyservice
android accounts method will occur before on Stop() (/ eference/android
android.animation and the state of the state
android appliading or after on Pause () (/reference/android
and Pool Activists html #onPause()).
android.appwidget
android Bruetooth
android: State Bundle in which to place your saved state.
android.content.pm
android.content.res
an@nGreates (Bundle)
onPause()
Interfaces oid on Start ()
                                                                                                                                                                           Added in API level 1
ActionBar And Sne Visibility Listener) (/reference/android
ActionBar On Navigation Listener /ann/Activity.html#onCreate(android.os.Bundle)) — or a ter
ActionBar. TabListener

OnRestart(). (/reference/android/app/Activity.html#onRestart())

Application. Activity intercycle Calibacks
Apple Priting and the Apple of the Apple of
Appropriate the Hoper Handed Eisten et al on Resum () (/reference
DatePickedDipdoActinDtateSpit#geResume())
FragmentBreadCrumbs.OnBreadCrumbClickListener
Fragerived เปลรรคราชนรุป เปลยที่ to the super class's in plementation of
Frathis ength and the head acrest acres antigor will be at hrown.
KeyguardManager.OnKeyguardExitResult
See Also
LoaderManager.LoaderCallbacks
Pendingmater Our Mished
Searchtonhager.OnCancelListener
Search Condismiss Listener
TimePickerDialog.OnTimeSetListener
UjAutomation Accessibility Event Filter
                                                                                                                                                                           Added in API level 1
UiAutomation.OnAccessibilityEventListener
         Called when you are no longer visible to the user. You will next
         receive either onRestart() (/reference/android
Classestivity.html#onRestart()), onDestroy() (/reference/android
ActionBar on later user
Act የራስ ይህ Layout Params
ActionBar Tab
Activity
where the system does not have enough memory to keep your
ActivityGroup
```

#### activity's process running after its onPause() (/reference/android

Android APIs API level: 19

Derived classes must call through to the super class's in plementation of this method. If they do not, an exception will be thrown. android.accessibilityservice

android accounts

android.animation

android.app OIRESUME() android.app.admin ONSAVEInstanceState(Bundle) android.app.backup

and only est roy (b)

android.bluetooth

andreid techteriti on Title Changed (Char Sequence titl ),

android content.pm

Added in API level 1

android.content.res

android.database

aprotected woid onlyser Leave Hint ()

Added in API level 3

Called as part of the activity lifecycle when an activit is about to go into the background as the result of user choice. For example, when Interfaces resses the Home key, on User Leave Hint () (/reference

Actions of the called, but when

AcinoriBanoningphane all semes the in-call Activity to se

Application & tinity Life prole Callbacks I #on User Leave Hint()) will not be

Application On Provide Assist Date Listened. In cases when it is invoked,

Applas Managge QaQaChanged Listener activity's on Pause ()

DatePickerDialog.OnDateSetListener.ml#onPause()) callb ick.

FragmentBreadCrumbs.OnBreadCrumbClickListener

FragmentMeneganBaokSteokEnterraction() (/refere nce/android

Fragment Manager On Back Stack Changed Listener nded to help activities

Keyquard Manager On Keyquard Exit Result
Inanage status bar notifications intelligently; specific ally, for helping
Loader Manager Loader Callbacks
activities determine the proper time to cancel a notification.

Pending Intent. On Finished

Search Manager. On Cancel Listener

SearchManager On Dismiss Listener

<u>TimePickerDialog.OnTimeSetList</u>ener

UiAutomation.AccessibilityEventFilter

UiAutomation.OnAccessibilityEventListener

#### Classes

ActionBar

ActionBar.LayoutParams

ActionBar.Tab

Activity

ActivityGroup