

Class AppCompatActivity

```
java.lang.Object
  android.content.Context
    android.content.ContextWrapper
      android.view.ContextThemeWrapper
        android.app.Activity
          android.app.ListActivity
            android.preference.PreferenceActivity
              ultramirinc.champs_mood.AppCompatActivity
```

All Implemented Interfaces:

android.content.ComponentCallbacks, android.content.ComponentCallbacks2, android.preference.PreferenceFragment.OnPreferenceStartFragmentCallback, android.view.KeyEvent.Callback, android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2, android.view.View.OnCreateContextMenuListener, android.view.Window.Callback

```
public abstract class AppCompatActivity
extends android.preference.PreferenceActivity
```

A PreferenceActivity which implements and proxies the necessary calls to be used with AppCompatActivity. Creates a compatibility activity for older devices

Nested Class Summary

Nested classes/interfaces inherited from class android.preference.PreferenceActivity

android.preference.PreferenceActivity.Header

Field Summary

Fields	
Modifier and Type	Field and Description
private android.support.v7.app.AppCompatActivity	mDelegate

Fields inherited from class android.preference.PreferenceActivity

EXTRA_NO_HEADERS, EXTRA_SHOW_FRAGMENT, EXTRA_SHOW_FRAGMENT_ARGUMENTS, EXTRA_SHOW_FRAGMENT_SHORT_TITLE, EXTRA_SHOW_FRAGMENT_TITLE, HEADER_ID_UNDEFINED

Fields inherited from class android.app.Activity

DEFAULT_KEYS_DIALER, DEFAULT_KEYS_DISABLE, DEFAULT_KEYS_SEARCH_GLOBAL, DEFAULT_KEYS_SEARCH_LOCAL, DEFAULT_KEYS_SHORTCUT, FOCUSED_STATE_SET, RESULT_CANCELED, RESULT_FIRST_USER, RESULT_OK

Fields inherited from class android.content.Context

ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE, APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE, BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT, BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT, BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE, CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE, CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED, DEVICE_POLICY_SERVICE, DISPLAY_SERVICE, DOWNLOAD_SERVICE, DROPBOX_SERVICE, FINGERPRINT_SERVICE, HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE, INPUT_SERVICE, JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE, LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE, MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND, MODE_ENABLE_WRITE_AHEAD_LOGGING, MODE_MULTI_PROCESS, MODE_NO_LOCALIZED_COLLATORS, MODE_PRIVATE, MODE_WORLD_READABLE, MODE_WORLD_WRITEABLE,

NETWORK_STATS_SERVICE, NFC_SERVICE, NOTIFICATION_SERVICE, NSD_SERVICE, POWER_SERVICE, PRINT_SERVICE, RESTRICTIONS_SERVICE, SEARCH_SERVICE, SENSOR_SERVICE, SHORTCUT_SERVICE, STORAGE_SERVICE, SYSTEM_HEALTH_SERVICE, TELECOM_SERVICE, TELEPHONY_SERVICE, TELEPHONY_SUBSCRIPTION_SERVICE, TEXT_SERVICES_MANAGER_SERVICE, TV_INPUT_SERVICE, UI_MODE_SERVICE, USAGE_STATS_SERVICE, USB_SERVICE, USER_SERVICE, VIBRATOR_SERVICE, WALLPAPER_SERVICE, WIFI_P2P_SERVICE, WIFI_SERVICE, WINDOW_SERVICE

Fields inherited from interface android.content.ComponentCallbacks2

TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE, TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE, TRIM_MEMORY_UI_HIDDEN

Constructor Summary

Constructors

Constructor and Description

[AppCompatActivity\(\)](#)

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
void	addContentView (android.view.View view, android.view.ViewGroup.LayoutParams params)
private android.support.v7.app.AppCompatActivity	getDelegate ()
android.view.MenuInflater	getMenuInflater ()
android.support.v7.app.ActionBar	getSupportActionBar ()
void	invalidateOptionsMenu ()
void	onConfigurationChanged (android.content.res.Configuration newConfig)
protected void	onCreate (android.os.Bundle savedInstanceState)
protected void	onDestroy ()
protected void	onPostCreate (android.os.Bundle savedInstanceState)
protected void	onPostResume ()
protected void	onStop ()
protected void	onTitleChanged (java.lang.CharSequence title, int color)
void	setContentView (int layoutResID)
void	setContentView (android.view.View view)
void	setContentView (android.view.View view, android.view.ViewGroup.LayoutParams params)
void	setSupportActionBar (android.support.v7.widget.Toolbar toolbar)

Methods inherited from class android.preference.PreferenceActivity

addPreferencesFromIntent, addPreferencesFromResource, findPreference, finishPreferencePanel, getPreferenceManager, getPreferenceScreen, hasHeaders, invalidateHeaders, isMultiPane, isValidFragment, loadHeadersFromResource, onActivityResult, onBuildHeaders, onBuildStartFragmentIntent, onContentChanged, onGetInitialHeader, onGetNewHeader, onHeaderClick, onIsHidingHeaders, onIsMultiPane, onListItemClick, onNewIntent, onPreferenceStartFragment, onPreferenceTreeClick, onRestoreInstanceState, onSaveInstanceState, setListFooter, setParentTitle, setPreferenceScreen, showBreadcrumbs, startPreferenceFragment, startPreferencePanel, startWithFragment, startWithFragment, switchToHeader, switchToHeader

Methods inherited from class android.app.ListActivity

getListAdapter, getListView, getSelectedItemId, getSelectedItemPosition, setListAdapter, setSelection

Methods inherited from class android.app.Activity

closeContextMenu, closeOptionsMenu, createPendingResult, dismissDialog, dismissKeyboardShortcutsHelper, dispatchGenericMotionEvent, dispatchKeyEvent, dispatchKeyShortcutEvent, dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent, dump, enterPictureInPictureMode, findViewById, finish, finishActivity, finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask, finishFromChild, getActionBar, getApplication, getCallingActivity, getCallingPackage, getChangingConfigurations, getComponentName, getContentScene, getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent, getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager, getLocalClassName, getMediaController, getParent, getParentActivityIntent, getPreferences, getReferrer, getRequestedOrientation, getSearchEvent, getSystemService, getTaskId, getTitle, getTitleColor, getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus, isChangingConfigurations, isChild, isDestroyed, isFinishing, isImmersive, isInMultiWindowMode, isInPictureInPictureMode, isLocalVoiceInteractionSupported, isTaskRoot, isVoiceInteraction, isVoiceInteractionRoot, managedQuery, moveTaskToBack, navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted, onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment, onBackPressed, onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate, onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog, onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelMenu, onCreatePanelView, onCreateThumbnail, onCreateView, onCreateView, onDetachedFromWindow, onEnterAnimationComplete, onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple, onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted, onLocalVoiceInteractionStopped, onLowMemory, onMenuItemSelected, onMenuOpened, onMultiWindowModeChanged, onNavigateUp, onNavigateUpFromChild, onOptionsItemSelected, onOptionsMenuClosed, onPanelClosed, onPause, onPictureInPictureModeChanged, onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack, onPrepareOptionsMenu, onPreparePanel, onProvideAssistContent, onProvideAssistData, onProvideKeyboardShortcuts, onProvideReferrer, onRequestPermissionsResult, onRestart, onRestoreInstanceState, onResume, onRetainNonConfigurationInstance, onSaveInstanceState, onSearchRequested, onSearchRequested, onStart, onStateNotSaved, onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint, onVisibleBehindCanceled, onWindowAttributesChanged, onWindowFocusChanged, onWindowStartingActionMode, onWindowStartingActionMode, openContextMenu, openOptionsMenu, overridePendingTransition, postponeEnterTransition, recreate, registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn, requestDragAndDropPermissions, requestPermissions, requestShowKeyboardShortcuts, requestVisibleBehind, requestWindowFeature, runOnUiThread, setActionBar, setContentTransitionManager, setDefaultKeyMode, setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable, setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri, setFinishOnTouchOutside, setImmersive, setIntent, setMediaController, setProgress, setProgressBarIndeterminate, setProgressBarIndeterminateVisibility, setProgressBarVisibility, setRequestedOrientation, setResult, setResult, setSecondaryProgress, setTaskDescription, setTheme, setTitle, setTitle, setTitleColor, setVisible, setVolumeControlStream, setVrModeEnabled, shouldShowRequestPermissionRationale, shouldUpRecreateTask, showAssist, showDialog, showDialog, showLockTaskEscapeMessage, startActionMode, startActionMode, startActivities, startActivities, startActivity, startActivity, startActivityForResult, startActivityForResult, startActivityFromChild, startActivityFromChild, startActivityFromFragment, startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded, startIntentSender, startIntentSender, startIntentSenderForResult, startIntentSenderForResult, startIntentSenderFromChild, startIntentSenderFromChild, startLocalVoiceInteraction, startLockTask, startManagingCursor, startNextMatchingActivity, startNextMatchingActivity, startPostponedEnterTransition, startSearch, stopLocalVoiceInteraction, stopLockTask, stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu

Methods inherited from class android.view.ContextThemeWrapper

applyOverrideConfiguration, attachBaseContext, getAssets, getResources, getTheme

Methods inherited from class android.content.ContextWrapper

bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission, checkCallingPermission, checkCallingUriPermission, checkPermission, checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper, createConfigurationContext, createDeviceProtectedStorageContext, createDisplayContext, createPackageContext, databaseList, deleteDatabase, deleteFile, deleteSharedPreferences, enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission, enforceCallingPermission, enforceCallingUriPermission, enforcePermission, enforceUriPermission, enforceUriPermission, fileList,

getApplicationContext, getApplicationInfo, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir, getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir, getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs, getExternalMediaDirs, getFilesDir, getFilePath, getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath, getPackageManager, getPackageName, getPackageResourcePath, getSharedPreferences, getSystemServiceName, getWallpaper, getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage, isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput, openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper, registerReceiver, registerReceiver, removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast, sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser, sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper, setWallpaper, startInstrumentation, startService, stopService, unbindService, unregisterReceiver

Methods inherited from class android.content.Context

getColor, getColorStateList, getDrawable, getString, getString, getSystemService, getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes, registerComponentCallbacks, unregisterComponentCallbacks

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

mDelegate

private android.support.v7.app.AppCompatActivity mDelegate

Constructor Detail

AppCompatActivity

public AppCompatActivity()

Method Detail

onCreate

protected void onCreate(android.os.Bundle savedInstanceState)

Overrides:

onCreate in class android.preference.PreferenceActivity

onPostCreate

protected void onPostCreate(android.os.Bundle savedInstanceState)

Overrides:

onPostCreate in class android.app.Activity

getSupportActionBar

```
public android.support.v7.app.ActionBar getSupportActionBar()
```

setSupportActionBar

```
public void setSupportActionBar(@Nullable  
                                android.support.v7.widget.Toolbar toolbar)
```

getMenuInflater

```
public android.view.MenuInflater getMenuInflater()
```

Overrides:

getMenuInflater in class android.app.Activity

setContentView

```
public void setContentView(@LayoutRes  
                            int layoutResID)
```

Overrides:

setContentView in class android.app.Activity

setContentView

```
public void setContentView(android.view.View view)
```

Overrides:

setContentView in class android.app.Activity

setContentView

```
public void setContentView(android.view.View view,  
                            android.view.ViewGroup.LayoutParams params)
```

Overrides:

setContentView in class android.app.Activity

addContentView

```
public void addContentView(android.view.View view,  
                            android.view.ViewGroup.LayoutParams params)
```

Overrides:

addContentView in class android.app.Activity

onPostResume

```
protected void onPostResume()
```

Overrides:

onPostResume in class android.app.Activity

onTitleChanged

```
protected void onTitleChanged(java.lang.CharSequence title,  
                               int color)
```

Overrides:

onTitleChanged in class android.app.Activity

onConfigurationChanged

```
public void onConfigurationChanged(android.content.res.Configuration newConfig)
```

Specified by:

onConfigurationChanged in interface android.content.ComponentCallbacks

Overrides:

onConfigurationChanged in class android.app.Activity

onStop

```
protected void onStop()
```

Overrides:

onStop in class android.preference.PreferenceActivity

onDestroy

```
protected void onDestroy()
```

Overrides:

onDestroy in class android.preference.PreferenceActivity

invalidateOptionsMenu

```
public void invalidateOptionsMenu()
```

Overrides:

invalidateOptionsMenu in class android.app.Activity

getDelegate

```
private android.support.v7.app.AppCompatActivity getDelegate()
```