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Frame Alert

This document is designed to be viewed using the frames feature. If you see this message, you are using a non-frame-capable web client. Link to Non-frame version.

Packages

- edu.fit.santiago.gossipp2p_client
- edu.fit.santiago.gossipp2p_client.messages
- edu.fit.santiago.gossipp2p_client.models
- edu.fit.santiago.gossipp2p_client.socket_threads
- edu.fit.santiago.gossipp2p_client.utils

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Skip navigation links

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev
- Next

- Frames
- No Frames

- All Classes

Package	Description
edu.fit.santiago.gossipp2p_client	
edu.fit.santiago.gossipp2p_client.messages	
edu.fit.santiago.gossipp2p_client.models	
edu.fit.santiago.gossipp2p_client.socket_threads	
edu.fit.santiago.gossipp2p_client.utils	

Skip navigation links

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev
- Next

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- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev
- Next

- Frames
- No Frames

- All Classes

Hierarchy For All Packages

Package Hierarchies:

- edu.fit.santiago.gossipp2p_client,
- edu.fit.santiago.gossipp2p_client.messages,
- edu.fit.santiago.gossipp2p_client.models,
- edu.fit.santiago.gossipp2p_client.socket_threads,
- edu.fit.santiago.gossipp2p_client.utils

Class Hierarchy

- java.lang.Object
    - ♦ android.os.AsyncTask<Params,Progress,Result>
        - ◊ edu.fit.santiago.gossipp2p_client.socket_threads.TCPClientThread
        - ◊ edu.fit.santiago.gossipp2p_client.socket_threads.UDPClientThread
    - ♦ edu.fit.santiago.gossipp2p_client.BuildConfig
    - ♦ android.content.Context
        - ◊ android.content.ContextWrapper
            - · android.view.ContextThemeWrapper
                - • android.app.Activity (implements android.content.ComponentCallbacks2, android.view.KeyEvent.Callback, android.view.LayoutInflater.Factory2, android.view.View.OnCreateContextMenuListener, android.view.Window.Callback)
                    - ♦ android.support.v4.app.SupportActivity
                        - ◊ android.support.v4.app.FragmentActivity (implements android.support.v4.app.ActivityCompat.OnRequestPermission

android.support.v4.app.ActivityCompatApi23.RequestPermis

· android.support.v7.app.AppCompatActivity
(implements
android.support.v7.app.ActionBarDrawerToggle.Dele
android.support.v7.app.AppCompatCallback,
android.support.v4.app.TaskStackBuilder.SupportPar

- edu.fit.santiago.gossipp2p_client.AddPeerAc
- edu.fit.santiago.gossipp2p_client.GossipMess
- edu.fit.santiago.gossipp2p_client.MainActivi

- ♦ edu.fit.santiago.gossipp2p_client.ExampleInstrumentedTest
- ♦ edu.fit.santiago.gossipp2p_client.ExampleUnitTest
- ♦ edu.fit.santiago.gossipp2p_client.messages.GossipMessage
- ♦ edu.fit.santiago.gossipp2p_client.utils.HashString
- ♦ edu.fit.santiago.gossipp2p_client.messages.PeerMessage
- ♦ edu.fit.santiago.gossipp2p_client.R
- ♦ edu.fit.santiago.gossipp2p_client.R.anim
- ♦ edu.fit.santiago.gossipp2p_client.R.animator
- ♦ edu.fit.santiago.gossipp2p_client.R.attr
- ♦ edu.fit.santiago.gossipp2p_client.R.bool
- ♦ edu.fit.santiago.gossipp2p_client.R.color
- ♦ edu.fit.santiago.gossipp2p_client.R.dimen
- ♦ edu.fit.santiago.gossipp2p_client.R.drawable
- ♦ edu.fit.santiago.gossipp2p_client.R.id
- ♦ edu.fit.santiago.gossipp2p_client.R.integer
- ♦ edu.fit.santiago.gossipp2p_client.R.layout
- ♦ edu.fit.santiago.gossipp2p_client.R.menu
- ♦ edu.fit.santiago.gossipp2p_client.R.mipmap
- ♦ edu.fit.santiago.gossipp2p_client.R.string
- ♦ edu.fit.santiago.gossipp2p_client.R.style
- ♦ edu.fit.santiago.gossipp2p_client.R.styleable
- ♦ edu.fit.santiago.gossipp2p_client.models.ServerModel

Skip navigation links

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev
- Next

- Frames
- No Frames

- All Classes

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edu.fit.santiago.gossipp2p_client

Class AddPeerActivity

- java.lang.Object
- ♦ android.content.Context
  - ◊ android.content.ContextWrapper
  - ◊ · android.view.ContextThemeWrapper
    - · • android.app.Activity
      - • ♦ android.support.v4.app.SupportActivity
      - ♦ ◊ android.support.v4.app.FragmentActivity
      - ◊ · android.support.v7.app.AppCompatActivity
        - · • edu.fit.santiago.gossipp2p_client.AddPeerAc

- All Implemented Interfaces:
  android.content.ComponentCallbacks,
  android.content.ComponentCallbacks2,
  android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
  android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator,
  android.support.v4.app.TaskStackBuilder.SupportParentable,

android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback,
android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory,
android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener,
android.view.Window.Callback

```
public class
extends android.support.v7.app.AppCompatActivity
```

Activity for adding peers.

- ♦
  ## Nested Class Summary

  ◊
    ### Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

    ```
    android.support.v4.app.SupportActivity.ExtraData
    ```

- ♦
  ## Field Summary

  ◊
    ### 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

Constructor and Description

AddPeerActivity()

♦
Method Summary

Modifier and Type	Method and Description
protected void	onCreate(android.os.Bundle savedInstanceState)

◊
Methods inherited from class android.support.v7.app.AppCompatActivity

```
addContentView, dispatchKeyEvent, findViewById, getDelegate,
getDrawerToggleDelegate, getMenuInflater, getResources,
getSupportActionBar, getSupportParentActivityIntent,
invalidateOptionsMenu, onConfigurationChanged, onContentChanged,
onCreateSupportNavigateUpTaskStack, onDestroy, onMenuItemSelected,
onMenuOpened, onPanelClosed, onPostCreate, onPostResume,
onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart,
onStop, onSupportActionModeFinished, onSupportActionModeStarted,
onSupportContentChanged, onSupportNavigateUp, onTitleChanged,
onWindowStartingSupportActionMode, setContentView, setContentView,
setContentView, setSupportActionBar, setSupportProgress,
setSupportProgressBarIndeterminate,
setSupportProgressBarIndeterminateVisibility,
setSupportProgressBarVisibility, setTheme, startSupportActionMode,
supportInvalidateOptionsMenu, supportNavigateUpTo,
supportRequestWindowFeature, supportShouldUpRecreateTask
```

◊ **Methods inherited from class android.support.v4.app.FragmentActivity**

```
dump, getLastCustomNonConfigurationInstance,
getSupportFragmentManager, getSupportLoaderManager,
getSupportMediaController, onActivityResult, onAttachFragment,
onBackPressed, onCreatePanelMenu, onLowMemory,
onMultiWindowModeChanged, onNewIntent, onPause,
onPictureInPictureModeChanged, onPrepareOptionsPanel,
onPreparePanel, onRequestPermissionsResult, onResume,
onResumeFragments, onRetainCustomNonConfigurationInstance,
onRetainNonConfigurationInstance, onStateNotSaved,
setEnterSharedElementCallback, setExitSharedElementCallback,
setSupportMediaController, startActivityForResult,
startActivityFromFragment, startActivityFromFragment,
startIntentSenderFromFragment, supportFinishAfterTransition,
supportPostponeEnterTransition,
supportStartPostponedEnterTransition,
validateRequestPermissionsRequestCode
```

◊ **Methods inherited from class android.support.v4.app.SupportActivity**

```
getExtraData, putExtraData
```

◊ **Methods inherited from class android.app.Activity**

```
closeContextMenu, closeOptionsMenu, createPendingResult,
dismissDialog, dismissKeyboardShortcutsHelper,
dispatchGenericMotionEvent, dispatchKeyShortcutEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent,
dispatchTrackballEvent, enterPictureInPictureMode, 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, onChildTitleChanged, onContextItemSelected,
onContextMenuClosed, onCreate, onCreateContextMenu,
onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple,
onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted,
```

onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild,
onOptionsItemSelected, onOptionsMenuClosed, onPostCreate,
onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart,
onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,
onSearchRequested, onSearchRequested, 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, setTitle, setTitle, setTitleColor, setVisible,
setVolumeControlStream, setVrModeEnabled,
shouldShowRequestPermissionRationale, shouldUpRecreateTask,
showAssist, showDialog, showDialog, showLockTaskEscapeMessage,
startActionMode, startActionMode, startActivities, startActivities,
startActivity, startActivity, startActivityFromChild,
startActivityFromChild, startActivityFromFragment,
startActivityFromFragment, startActivityIfNeeded,
startActivityIfNeeded, startIntentSender, startIntentSender,
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, 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, getFileStreamPath, 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

• ♦

Constructor Detail

◊ **AddPeerActivity**

public AddPeerActivity()

♦

Method Detail

◊ **onCreate**

protected void onCreate(android.os.Bundle savedInstanceState)

Overrides:
        onCreate in class android.support.v7.app.AppCompatActivity

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

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edu.fit.santiago.gossipp2p_client

Class GossipMessageActivity

- java.lang.Object
-     ♦ android.content.Context
        ♦   ◊ android.content.ContextWrapper
              ◊   · android.view.ContextThemeWrapper
                    ·   • android.app.Activity
                          •   ♦ android.support.v4.app.SupportActivity
                                ♦   ◊ android.support.v4.app.FragmentActivity
                                      ◊   · android.support.v7.app.AppCompatActivity
                                            ·   • edu.fit.santiago.gossipp2p_client.GossipMess

- All Implemented Interfaces:
        android.content.ComponentCallbacks,
        android.content.ComponentCallbacks2,
        android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
        android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator,
        android.support.v4.app.TaskStackBuilder.SupportParentable,

android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback,
android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory,
android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener,
android.view.Window.Callback

```
public class
extends android.support.v7.app.AppCompatActivity
```

Activity for sending a gossip message

- ♦
  ## Nested Class Summary

    ◊
    ### Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

    ```
    android.support.v4.app.SupportActivity.ExtraData
    ```
  ♦
  ## Field Summary

    ◊
    ### 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

Constructor and Description

GossipMessageActivity()

♦

Method Summary

Modifier and Type	Method and Description
protected void	onCreate(android.os.Bundle savedInstanceState)

◊

Methods inherited from class android.support.v7.app.AppCompatActivity

```
addContentView, dispatchKeyEvent, findViewById, getDelegate,
getDrawerToggleDelegate, getMenuInflater, getResources,
getSupportActionBar, getSupportParentActivityIntent,
invalidateOptionsMenu, onConfigurationChanged, onContentChanged,
onCreateSupportNavigateUpTaskStack, onDestroy, onMenuItemSelected,
onMenuOpened, onPanelClosed, onPostCreate, onPostResume,
onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart,
onStop, onSupportActionModeFinished, onSupportActionModeStarted,
onSupportContentChanged, onSupportNavigateUp, onTitleChanged,
onWindowStartingSupportActionMode, setContentView, setContentView,
setContentView, setSupportActionBar, setSupportProgress,
setSupportProgressBarIndeterminate,
setSupportProgressBarIndeterminateVisibility,
setSupportProgressBarVisibility, setTheme, startSupportActionMode,
supportInvalidateOptionsMenu, supportNavigateUpTo,
supportRequestWindowFeature, supportShouldUpRecreateTask
```

◊ **Methods inherited from
class android.support.v4.app.FragmentActivity**

```
dump, getLastCustomNonConfigurationInstance,
getSupportFragmentManager, getSupportLoaderManager,
getSupportMediaController, onActivityResult, onAttachFragment,
onBackPressed, onCreatePanelMenu, onLowMemory,
onMultiWindowModeChanged, onNewIntent, onPause,
onPictureInPictureModeChanged, onPrepareOptionsPanel,
onPreparePanel, onRequestPermissionsResult, onResume,
onResumeFragments, onRetainCustomNonConfigurationInstance,
onRetainNonConfigurationInstance, onStateNotSaved,
setEnterSharedElementCallback, setExitSharedElementCallback,
setSupportMediaController, startActivityForResult,
startActivityFromFragment, startActivityFromFragment,
startIntentSenderFromFragment, supportFinishAfterTransition,
supportPostponeEnterTransition,
supportStartPostponedEnterTransition,
validateRequestPermissionsRequestCode
```

◊ **Methods inherited from
class android.support.v4.app.SupportActivity**

```
getExtraData, putExtraData
```

◊ **Methods inherited from
class android.app.Activity**

```
closeContextMenu, closeOptionsMenu, createPendingResult,
dismissDialog, dismissKeyboardShortcutsHelper,
dispatchGenericMotionEvent, dispatchKeyShortcutEvent,
dispatchPopulateAccessibilityEvent, dispatchTouchEvent,
dispatchTrackballEvent, enterPictureInPictureMode, 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, onChildTitleChanged, onContextItemSelected,
onContextMenuClosed, onCreate, onCreateContextMenu,
onCreateDescription, onCreateDialog, onCreateDialog,
onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreatePanelView,
onCreateThumbnail, onDetachedFromWindow, onEnterAnimationComplete,
onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple,
onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted,
```

onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild,
onOptionsItemSelected, onOptionsMenuClosed, onPostCreate,
onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack,
onPrepareOptionsMenu, onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart,
onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,
onSearchRequested, onSearchRequested, 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, setTitle, setTitle, setTitleColor, setVisible,
setVolumeControlStream, setVrModeEnabled,
shouldShowRequestPermissionRationale, shouldUpRecreateTask,
showAssist, showDialog, showDialog, showLockTaskEscapeMessage,
startActionMode, startActionMode, startActivities, startActivities,
startActivity, startActivity, startActivityFromChild,
startActivityFromChild, startActivityFromFragment,
startActivityFromFragment, startActivityIfNeeded,
startActivityIfNeeded, startIntentSender, startIntentSender,
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, 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, getFileStreamPath, 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

- ♦

Constructor Detail

◊ **GossipMessageActivity**

public GossipMessageActivity()

♦

Method Detail

◊ **onCreate**

protected void onCreate(android.os.Bundle savedInstanceState)

Overrides:
    onCreate in class android.support.v7.app.AppCompatActivity

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

JavaScript is disabled on your browser.

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

edu.fit.santiago.gossipp2p_client

Class MainActivity

- java.lang.Object
- ♦ android.content.Context
  - ◊ android.content.ContextWrapper
    - ◊ · android.view.ContextThemeWrapper
      - · • android.app.Activity
        - • ♦ android.support.v4.app.SupportActivity
          - ♦ ◊ android.support.v4.app.FragmentActivity
            - ◊ · android.support.v7.app.AppCompatActivity
              - · • edu.fit.santiago.gossipp2p_client.MainActivi

- All Implemented Interfaces:
  android.content.ComponentCallbacks,
  android.content.ComponentCallbacks2,
  android.support.v4.app.ActivityCompat.OnRequestPermissionsResultCallback,
  android.support.v4.app.ActivityCompatApi23.RequestPermissionsRequestCodeValidator,
  android.support.v4.app.TaskStackBuilder.SupportParentable,

android.support.v7.app.ActionBarDrawerToggle.DelegateProvider,
android.support.v7.app.AppCompatCallback,
android.view.KeyEvent.Callback,
android.view.LayoutInflater.Factory,
android.view.LayoutInflater.Factory2,
android.view.View.OnCreateContextMenuListener,
android.view.Window.Callback

```
public class
extends android.support.v7.app.AppCompatActivity
```

Main activity for setting up server connection information

- ♦
  ## Nested Class Summary

  ◊
  ### Nested classes/interfaces inherited from class android.support.v4.app.SupportActivity

  ```
  android.support.v4.app.SupportActivity.ExtraData
  ```

  ♦
  ## Field Summary

  ◊
  ### 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

Constructor and Description

MainActivity()

♦

Method Summary

Modifier and Type	Method and Description
protected void	onCreate(android.os.Bundle savedInstanceState)
boolean	onCreateOptionsMenu(android.view.Menu menu)
boolean	onOptionsItemSelected(android.view.MenuItem item)

◊

Methods inherited from class android.support.v7.app.AppCompatActivity

```
addContentView, dispatchKeyEvent, findViewById, getDelegate,
getDrawerToggleDelegate, getMenuInflater, getResources,
getSupportActionBar, getSupportParentActivityIntent,
invalidateOptionsMenu, onConfigurationChanged, onContentChanged,
onCreateSupportNavigateUpTaskStack, onDestroy, onMenuItemSelected,
onMenuOpened, onPanelClosed, onPostCreate, onPostResume,
onPrepareSupportNavigateUpTaskStack, onSaveInstanceState, onStart,
onStop, onSupportActionModeFinished, onSupportActionModeStarted,
onSupportContentChanged, onSupportNavigateUp, onTitleChanged,
onWindowStartingSupportActionMode, setContentView, setContentView,
setContentView, setSupportActionBar, setSupportProgress,
setSupportProgressBarIndeterminate,
setSupportProgressBarIndeterminateVisibility,
setSupportProgressBarVisibility, setTheme, startSupportActionMode,
supportInvalidateOptionsMenu, supportNavigateUpTo,
supportRequestWindowFeature, supportShouldUpRecreateTask
```

◊ **Methods inherited from
class android.support.v4.app.FragmentActivity**

    dump, getLastCustomNonConfigurationInstance,
    getSupportFragmentManager, getSupportLoaderManager,
    getSupportMediaController, onActivityResult, onAttachFragment,
    onBackPressed, onCreatePanelMenu, onLowMemory,
    onMultiWindowModeChanged, onNewIntent, onPause,
    onPictureInPictureModeChanged, onPrepareOptionsPanel,
    onPreparePanel, onRequestPermissionsResult, onResume,
    onResumeFragments, onRetainCustomNonConfigurationInstance,
    onRetainNonConfigurationInstance, onStateNotSaved,
    setEnterSharedElementCallback, setExitSharedElementCallback,
    setSupportMediaController, startActivityForResult,
    startActivityFromFragment, startActivityFromFragment,
    startIntentSenderFromFragment, supportFinishAfterTransition,
    supportPostponeEnterTransition,
    supportStartPostponedEnterTransition,
    validateRequestPermissionsRequestCode

◊ **Methods inherited from
class android.support.v4.app.SupportActivity**

    getExtraData, putExtraData

◊ **Methods inherited from
class android.app.Activity**

    closeContextMenu, closeOptionsMenu, createPendingResult,
    dismissDialog, dismissKeyboardShortcutsHelper,
    dispatchGenericMotionEvent, dispatchKeyShortcutEvent,
    dispatchPopulateAccessibilityEvent, dispatchTouchEvent,
    dispatchTrackballEvent, enterPictureInPictureMode, 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, onChildTitleChanged, onContextItemSelected,
    onContextMenuClosed, onCreate, onCreateContextMenu,
    onCreateDescription, onCreateDialog, onCreateDialog,
    onCreateNavigateUpTaskStack, onCreatePanelView, onCreateThumbnail,
    onDetachedFromWindow, onEnterAnimationComplete,
    onGenericMotionEvent, onKeyDown, onKeyLongPress, onKeyMultiple,
    onKeyShortcut, onKeyUp, onLocalVoiceInteractionStarted,

onLocalVoiceInteractionStopped, onNavigateUp, onNavigateUpFromChild,
onOptionsMenuClosed, onPostCreate, onPrepareDialog, onPrepareDialog,
onPrepareNavigateUpTaskStack, onPrepareOptionsMenu,
onProvideAssistContent, onProvideAssistData,
onProvideKeyboardShortcuts, onProvideReferrer, onRestart,
onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState,
onSearchRequested, onSearchRequested, 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, setTitle, setTitle, setTitleColor, setVisible,
setVolumeControlStream, setVrModeEnabled,
shouldShowRequestPermissionRationale, shouldUpRecreateTask,
showAssist, showDialog, showDialog, showLockTaskEscapeMessage,
startActionMode, startActionMode, startActivities, startActivities,
startActivity, startActivity, startActivityFromChild,
startActivityFromChild, startActivityFromFragment,
startActivityFromFragment, startActivityIfNeeded,
startActivityIfNeeded, startIntentSender, startIntentSender,
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, 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, getFileStreamPath, 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

- ♦

Constructor Detail

◊ MainActivity

public MainActivity()

♦

Method Detail

◊ onCreate

protected void onCreate(android.os.Bundle savedInstanceState)

Overrides:
    onCreate in class android.support.v7.app.AppCompatActivity

◊ **onCreateOptionsMenu**

```
public boolean onCreateOptionsMenu(android.view.Menu menu)
```

Overrides:
> onCreateOptionsMenu in class android.app.Activity

◊ **onOptionsItemSelected**

```
public boolean onOptionsItemSelected(android.view.MenuItem item)
```

Overrides:
> onOptionsItemSelected in class android.app.Activity

Skip navigation links

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

Method Detail   26

JavaScript is disabled on your browser.

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

edu.fit.santiago.gossipp2p_client.messages

Class GossipMessage

- java.lang.Object
-     ♦ edu.fit.santiago.gossipp2p_client.messages.GossipMessage

- ───────────────────────────────────

```
public class
extends java.lang.Object
```

Represents a GOSSIP message sent by the client
Author:
        sroig2013@my.fit.edu

- ♦ **Constructor Summary**

Constructor and Description

GossipMessage()
Default constructor

GossipMessage(java.lang.String _sha256EncodedMessage,
java.util.Date _messageDate, java.lang.String _message)
Constructs new GossipMessage.

GossipMessage(java.lang.String _sha256EncodedMessage,
java.lang.String _messageDate, java.lang.String _message)
Constructs new GossipMessage.

♦

Method Summary

Modifier and Type	Method and Description
java.lang.String	getMessage()
java.util.Date	getMessageDate()
java.lang.String	getSha256EncodedMessage()
java.lang.String	toString() String representation of GossipMessage.

◊

Methods inherited from class java.lang.Object

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

- ♦

Constructor Detail

◊ **GossipMessage**

public GossipMessage(java.lang.String _sha256EncodedMessage,
                     java.util.Date _messageDate,
                     java.lang.String _message)

Constructs new GossipMessage.
Parameters:
        _sha256EncodedMessage - SHA256 encoding of message.
        _messageDate - Date of message.
        _message - Contents of message.

◊ **GossipMessage**

public GossipMessage(java.lang.String _sha256EncodedMessage,
                     java.lang.String _messageDate,
                     java.lang.String _message)

Constructs new GossipMessage.

Parameters:

      `_sha256EncodedMessage` - SHA256 encoding of message.

      `_messageDate` - Date of message.

      `_message` - Contents of message.

◊ **GossipMessage**

```
public GossipMessage()
```

Default constructor

♦

Method Detail

◊ **getSha256EncodedMessage**

```
public java.lang.String getSha256EncodedMessage()
```

Returns:

      Gossip Message SHA 256 encrypted message.

◊ **getMessageDate**

```
public java.util.Date getMessageDate()
```

Returns:

      Gossip Message date.

◊ **getMessage**

```
public java.lang.String getMessage()
```

Returns:

      Gossip Message message.

◊ **toString**

```
public java.lang.String toString()
```

String representation of GossipMessage.

Overrides:

      `toString` in class `java.lang.Object`

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

edu.fit.santiago.gossipp2p_client.messages

Class PeerMessage

- java.lang.Object
-   ♦ edu.fit.santiago.gossipp2p_client.messages.PeerMessage

- ───────────────────────────────────

```
public class
extends java.lang.Object
```

Message that will add a new peer to the list of known peers
Author:
        sroig2013@my.fit.edu

- ♦ **Constructor Summary**

Constructor and Description
PeerMessage() Default constructor
PeerMessage(java.lang.String _peerName, int _portNumber, java.lang.String _ipAddress) Constructs a new peer message.

♦

Method Summary

Modifier and Type	Method and Description
java.lang.String	getIpAddress()
java.lang.String	getPeerName()
int	getPortNumber()
java.lang.String	toString()

◊

Methods inherited from class java.lang.Object

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

- ♦

Constructor Detail

◊ **PeerMessage**

```
public PeerMessage(java.lang.String _peerName,
                   int _portNumber,
                   java.lang.String _ipAddress)
```

Constructs a new peer message.
Parameters:
    _peerName -
    _portNumber -
    _ipAddress -

◊ **PeerMessage**

```
public PeerMessage()
```

Default constructor

- **Method Detail**

◊ **toString**

```
public java.lang.String toString()
```

Overrides:
　　`toString` in class `java.lang.Object`

◊ **getPeerName**

```
public java.lang.String getPeerName()
```

Returns:
　　Peer Message peer name.

◊ **getPortNumber**

```
public int getPortNumber()
```

Returns:
　　Peer Message port number.

◊ **getIpAddress**

```
public java.lang.String getIpAddress()
```

Returns:
　　Peer Message IP Address.

- <u>Overview</u>
- <u>Package</u>
- Class
- <u>Use</u>
- <u>Tree</u>
- <u>Deprecated</u>
- <u>Index</u>
- <u>Help</u>

- <u>Prev Class</u>
- Next Class

- <u>Frames</u>
- <u>No Frames</u>

- <u>All Classes</u>

- Summary:
- Nested |
- Field |

- [Constr |](#)
- [Method](#)

- Detail:
- Field |
- [Constr |](#)
- [Method](#)

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

edu.fit.santiago.gossipp2p_client.models

Class ServerModel

- java.lang.Object
-
  - ♦ edu.fit.santiago.gossipp2p_client.models.ServerModel

- ────────────────────────────────

```
public class
extends java.lang.Object
```

Represents the server options on main activity

- ♦
  ## Method Summary

  Method and Description

Modifier and Type	
java.lang.Integer	getConnectionType()
static ServerModel	getInstance()
java.lang.String	getIpAddress()
java.lang.Integer	getPort()
void	setServer(java.lang.String _ipAddress, java.lang.Integer _port, java.lang.Integer _connectionType) Set the server's options

◊

Methods inherited from class java.lang.Object

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

• ♦

Method Detail

◊ **getInstance**

```
public static ServerModel getInstance()
```

◊ **setServer**

```
public void setServer(java.lang.String _ipAddress,
                      java.lang.Integer _port,
                      java.lang.Integer _connectionType)
```

Set the server's options
Parameters:
    _ipAddress - IP Address to the server
    _port - Port that the server is listening on
    _connectionType - Connection type 1 == tcp, 2 == udp

◊ **getIpAddress**

```
public java.lang.String getIpAddress()
```

Returns:
    Returns current server's IP

◊ **getPort**

```
public java.lang.Integer getPort()
```

Returns:
    Returns current server's port

◊ **getConnectionType**

```
public java.lang.Integer getConnectionType()
```

Returns:
> Returns current server's connection type

Skip navigation links

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

Method Detail

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- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

edu.fit.santiago.gossipp2p_client.socket_threads

Class TCPClientThread

- java.lang.Object
-     ♦ android.os.AsyncTask<java.lang.String,java.lang.Void,java.lang.String>
        ♦   ◊ edu.fit.santiago.gossipp2p_client.socket_threads.TCPClientThread

- ━━

```
public class
extends android.os.AsyncTask<java.lang.String,java.lang.Void,java.lang.String>
```

Thread for client to connect to server using TCP

- - **Nested Class Summary**

  ◊
  ### Nested classes/interfaces inherited from class android.os.AsyncTask

  ```
  android.os.AsyncTask.Status
  ```

- ## Field Summary

  ◊
  ### Fields inherited from class android.os.AsyncTask

  ```
  SERIAL_EXECUTOR, THREAD_POOL_EXECUTOR
  ```

- ## Constructor Summary

  Constructor and Description

  TCPClientThread(android.widget.TextView serverResponse)
  Constructor for TCP thread

- ## Method Summary

Modifier and Type	Method and Description
protected java.lang.String	doInBackground(java.lang.String... messages)
protected void	onPostExecute(java.lang.String s)
protected void	onPreExecute()

  ◊
  ### Methods inherited from class android.os.AsyncTask

  ```
  cancel, execute, execute, executeOnExecutor, get, get, getStatus,
  isCancelled, onCancelled, onCancelled, onProgressUpdate,
  publishProgress
  ```

  ◊
  ### Methods inherited from class java.lang.Object

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

- ◆ **Constructor Detail**

◊ **TCPClientThread**

```
public TCPClientThread(android.widget.TextView serverResponse)
```

Constructor for TCP thread
Parameters:
     serverResponse - Text view that the client should
     place server response text into.

- ◆

Method Detail

◊ **onPreExecute**

```
protected void onPreExecute()
```

Overrides:
     onPreExecute in
     class android.os.AsyncTask<java.lang.String,java.lang.Void,java.lang.St

◊ **doInBackground**

```
protected java.lang.String doInBackground(java.lang.String... messages)
```

Specified by:
     doInBackground in
     class android.os.AsyncTask<java.lang.String,java.lang.Void,java.lang.St

◊ **onPostExecute**

```
protected void onPostExecute(java.lang.String s)
```

Overrides:
     onPostExecute in
     class android.os.AsyncTask<java.lang.String,java.lang.Void,java.lang.St

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

JavaScript is disabled on your browser.

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

edu.fit.santiago.gossipp2p_client.socket_threads

Class UDPClientThread

- java.lang.Object
-     ♦ android.os.AsyncTask<java.lang.String,java.lang.Void,java.lang.String>
-         ◊ edu.fit.santiago.gossipp2p_client.socket_threads.UDPClientThread

- ▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬

```
public class
extends android.os.AsyncTask<java.lang.String,java.lang.Void,java.lang.String>
```

Thread for client to connect to server using UDP

- - **Nested Class Summary**

    ◊
    ### Nested classes/interfaces inherited from class android.os.AsyncTask

    `android.os.AsyncTask.Status`

- ### Field Summary

    ◊
    ### Fields inherited from class android.os.AsyncTask

    `SERIAL_EXECUTOR, THREAD_POOL_EXECUTOR`

- ### Constructor Summary

Constructor and Description
`UDPClientThread`(android.widget.TextView serverResponse) Constructor for UDP thread

- ### Method Summary

Modifier and Type	Method and Description
protected java.lang.String	`doInBackground`(java.lang.String... messages)
protected void	`onPostExecute`(java.lang.String s)
protected void	`onPreExecute`()

    ◊
    ### Methods inherited from class android.os.AsyncTask

    `cancel, execute, execute, executeOnExecutor, get, get, getStatus, isCancelled, onCancelled, onCancelled, onProgressUpdate, publishProgress`

    ◊
    ### Methods inherited from class java.lang.Object

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

- ♦ **Constructor Detail**

◊ **UDPClientThread**

```
public UDPClientThread(android.widget.TextView serverResponse)
```

Constructor for UDP thread
Parameters:
    serverResponse - Text view that the client should
    place server response text into.

♦

Method Detail

◊ **onPreExecute**

```
protected void onPreExecute()
```

Overrides:
    onPreExecute in
    class android.os.AsyncTask<java.lang.String,java.lang.Void,java.lang.St

◊ **doInBackground**

```
protected java.lang.String doInBackground(java.lang.String... messages)
```

Specified by:
    doInBackground in
    class android.os.AsyncTask<java.lang.String,java.lang.Void,java.lang.St

◊ **onPostExecute**

```
protected void onPostExecute(java.lang.String s)
```

Overrides:
    onPostExecute in
    class android.os.AsyncTask<java.lang.String,java.lang.Void,java.lang.St

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- <u>Frames</u>
- <u>No Frames</u>

- <u>All Classes</u>

- Summary:
- <u>Nested |</u>
- <u>Field |</u>
- <u>Constr |</u>
- <u>Method</u>

- Detail:
- Field |
- <u>Constr |</u>
- <u>Method</u>

JavaScript is disabled on your browser.

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method

edu.fit.santiago.gossipp2p_client.utils

Class HashString

- java.lang.Object
-
    - ◆ edu.fit.santiago.gossipp2p_client.utils.HashString

- ▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬

```
public class
extends java.lang.Object
```

Class to create sha256 hash

- ◆
    ## Constructor Summary

    ### Constructor and Description

HashString()

♦

Method Summary

Modifier and Type	Method and Description
static java.lang.String	getSHA256HashString(java.lang.String text) Generates a Sha-256 & base64 encoded hash

◊

Methods inherited from class java.lang.Object

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

• ♦

Constructor Detail

◊ **HashString**

public HashString()

♦

Method Detail

◊ **getSHA256HashString**

public static java.lang.String getSHA256HashString(java.lang.String text)

Generates a Sha-256 & base64 encoded hash
Parameters:
        text -
Returns:
        the hash String

- Overview
- Package
- Class
- Use
- Tree
- Deprecated
- Index
- Help

- Prev Class
- Next Class

Constructor Summary   47

- Frames
- No Frames

- All Classes

- Summary:
- Nested |
- Field |
- Constr |
- Method

- Detail:
- Field |
- Constr |
- Method