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com.example.asus.myapplication

# Class MainActivity2

- java.lang.Object
  - - android.content.Context
    - - android.content.ContextWrapper
      - - android.view.ContextThemeWrapper
        - - android.app.Activity
          - - android.support.v4.app.FragmentActivity
            - - android.support.v7.app.ActionBarActivity
              - - com.example.asus.myapplication.MainActivity2
  - All Implemented Interfaces:  
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,  
android.support.v4.app.ActionBarDrawerToggle.DelegateProvider,  
android.support.v4.app.TaskStackBuilder.SupportParentable, android.view.KeyEvent.Callback,  
android.view.LayoutInflater.Factory, android.view.LayoutInflater.Factory2,  
android.view.View.OnCreateContextMenuListener, android.view.Window.Callback,  
android.view.Window.OnWindowDismissedCallback
- 

```
public class MainActivity2  
extends android.support.v7.app.ActionBarActivity
```

MainActivity2 will be initiated if the user chooses to search by department and department id. This activity queries the user for inputs and performs an algorithm to determine if the search has a hit. It then executes an appropriate action corresponding to whether or not there is a hit. Note that there can be multiple hits, which will return multiple results.

- - **Nested Class Summary**

- **Nested classes/interfaces inherited from class `android.app.Activity`**

`android.app.Activity.TranslucentConversionListener`

- **Nested classes/interfaces inherited from class `android.content.Context`**

`android.content.Context.BindServiceFlags,`  
`android.content.Context.CreatePackageOptions,` `android.content.Context.ServiceName`

- **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,` `BACKUP_SERVICE,` `BATTERY_SERVICE,`  
`BIND_ABOVE_CLIENT,` `BIND_ADJUST_WITH_ACTIVITY,` `BIND_ALLOW_OOM_MANAGEMENT,`  
`BIND_AUTO_CREATE,` `BIND_DEBUG_UNBIND,` `BIND_IMPORTANT,` `BIND_NOT_FOREGROUND,`  
`BIND_NOT_VISIBLE,` `BIND_SHOWING_UI,` `BIND_TREAT LIKE ACTIVITY,` `BIND_VISIBLE,`  
`BIND_WAIVE_PRIORITY,` `BLUETOOTH_SERVICE,` `CAMERA_SERVICE,` `CAPTIONING_SERVICE,`  
`CLIPBOARD_SERVICE,` `CONNECTIVITY_SERVICE,` `CONSUMER_IR_SERVICE,`  
`CONTEXT_IGNORE_SECURITY,` `CONTEXT_INCLUDE_CODE,` `CONTEXT_REGISTER_PACKAGE,`  
`CONTEXT_RESTRICTED,` `COUNTRY_DETECTOR,` `DEVICE_POLICY_SERVICE,` `DISPLAY_SERVICE,`  
`DOWNLOAD_SERVICE,` `DROPBOX_SERVICE,` `ETHERNET_SERVICE,` `FINGERPRINT_SERVICE,`  
`HDMI_CONTROL_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,` `MODE_APPEND,`

MODE\_ENABLE\_WRITE\_AHEAD\_LOGGING, MODE\_MULTI\_PROCESS, MODE\_PRIVATE,  
 MODE\_WORLD\_READABLE, MODE\_WORLD\_WRITEABLE, NETWORK\_POLICY\_SERVICE,  
 NETWORK\_SCORE\_SERVICE, NETWORK\_STATS\_SERVICE, NETWORKMANAGEMENT\_SERVICE,  
 NFC\_SERVICE, NOTIFICATION\_SERVICE, NSD\_SERVICE, PERSISTENT\_DATA\_BLOCK\_SERVICE,  
 POWER\_SERVICE, PRINT\_SERVICE, RESTRICTIONS\_SERVICE, SEARCH\_SERVICE, SENSOR\_SERVICE,  
 SERIAL\_SERVICE, SIP\_SERVICE, STATUS\_BAR\_SERVICE, STORAGE\_SERVICE, TELECOM\_SERVICE,  
 TELEPHONY\_SERVICE, TEXT\_SERVICES\_MANAGER\_SERVICE, TRUST\_SERVICE, TV\_INPUT\_SERVICE,  
 UI\_MODE\_SERVICE, UPDATE\_LOCK\_SERVICE, USAGE\_STATS\_SERVICE, USB\_SERVICE,  
 USER\_SERVICE, VIBRATOR\_SERVICE, VOICE\_INTERACTION\_MANAGER\_SERVICE,  
 WALLPAPER\_SERVICE, WIFI\_P2P\_SERVICE, WIFI\_PASSPOINT\_SERVICE, WIFI\_RTT\_SERVICE,  
 WIFI\_SCANNING\_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

[MainActivity2\(\)](#)

## ◦ Method Summary

Methods

Modifier and Type	Method and Description
void	<a href="#">evaluateMessage</a> (android.view.View view) Executed once the submit button has been clicked.
android.support.v4.app.FragmentManager	<a href="#">getSupportFragmentManager</a> ()

protected void

[onCreate](#)(android.os.Bundle savedInstanceState)  
Perform initialization of all fragments and loaders.

## ■ Methods inherited from class `android.support.v7.app.ActionBarActivity`

`addContentView`, `getDrawerToggleDelegate`, `getMenuInflater`, `getSupportActionBar`, `getSupportParentActivityIntent`, `getV7DrawerToggleDelegate`, `invalidateOptionsMenu`, `onBackPressed`, `onConfigurationChanged`, `onContentChanged`, `onCreatePanelMenu`, `onCreatePanelView`, `onCreateSupportNavigateUpTaskStack`, `onCreateView`, `onDestroy`, `onKeyDown`, `onKeyShortcut`, `onMenuItemSelected`, `onMenuOpened`, `onPanelClosed`, `onPostResume`, `onPrepareOptionsMenu`, `onPreparePanel`, `onPrepareSupportNavigateUpTaskStack`, `onStop`, `onSupportActionModeFinished`, `onSupportActionModeStarted`, `onSupportContentChanged`, `onSupportNavigateUp`, `onTitleChanged`, `setContentView`, `setContentView`, `setContentView`, `setSupportActionBar`, `setSupportProgress`, `setSupportProgressBarIndeterminate`, `setSupportProgressBarIndeterminateVisibility`, `setSupportProgressBarVisibility`, `startSupportActionMode`, `supportInvalidateOptionsMenu`, `supportNavigateUpTo`, `supportRequestWindowFeature`, `supportShouldUpRecreateTask`

## ■ Methods inherited from class `android.support.v4.app.FragmentActivity`

`dump`, `getLastCustomNonConfigurationInstance`, `getSupportFragmentManager`, `getSupportLoaderManager`, `onActivityResult`, `onAttachFragment`, `onLowMemory`, `onNewIntent`, `onPause`, `onResume`, `onResumeFragments`, `onRetainCustomNonConfigurationInstance`, `onRetainNonConfigurationInstance`, `onSaveInstanceState`, `onStart`, `setEnterSharedElementCallback`, `setExitSharedElementCallback`, `startActivityForResult`, `startActivityFromFragment`, `supportFinishAfterTransition`, `supportPostponeEnterTransition`, `supportStartPostponedEnterTransition`

## ■ Methods inherited from class `android.app.Activity`

`closeContextMenu`, `closeOptionsMenu`, `convertFromTranslucent`, `convertToTranslucent`, `createPendingResult`, `dismissDialog`, `dispatchGenericMotionEvent`, `dispatchKeyEvent`,

dispatchKeyShortcutEvent, dispatchPopulateAccessibilityEvent, dispatchTouchEvent, dispatchTrackballEvent, findViewById, finish, finishActivity, finishActivityFromChild, finishAffinity, finishAfterTransition, finishAndRemoveTask, finishFromChild, getActionBar, getActivityToken, getApplication, getCallingActivity, getCallingPackage, getChangingConfigurations, getComponentName, getContentScene, getContentTransitionManager, getCurrentFocus, getFragmentManager, getIntent, getLastNonConfigurationInstance, getLayoutInflater, getLoaderManager, getLocalClassName, getMediaController, getParent, getParentActivityIntent, getPreferences, getRequestedOrientation, getSystemService, getTaskId, getTitle, getTitleColor, getVoiceInteractor, getVolumeControlStream, getWindow, getWindowManager, hasWindowFocus, isBackgroundVisibleBehind, isChangingConfigurations, isChild, isDestroyed, isFinishing, isImmersive, isResumed, isTaskRoot, isVoiceInteraction, managedQuery, managedQuery, moveTaskToBack, navigateUpTo, navigateUpToFromChild, onActionModeFinished, onActionModeStarted, onActivityReenter, onApplyThemeResource, onAttachedToWindow, onAttachFragment, onBackgroundVisibleBehindChanged, onChildTitleChanged, onContextItemSelected, onContextMenuClosed, onCreate, onCreateContextMenu, onCreateDescription, onCreateDialog, onCreateDialog, onCreateNavigateUpTaskStack, onCreateOptionsMenu, onCreateThumbnail, onCreateView, onDetachedFromWindow, onEnterAnimationComplete, onGenericMotionEvent, onKeyLongPress, onKeyMultiple, onKeyUp, onNavigateUp, onNavigateUpFromChild, onNewActivityOptions, onOptionsItemSelected, onOptionsMenuClosed, onPostCreate, onPostCreate, onPrepareDialog, onPrepareDialog, onPrepareNavigateUpTaskStack, onPrepareOptionsMenu, onProvideAssistData, onRestart, onRestoreInstanceState, onRestoreInstanceState, onSaveInstanceState, onSearchRequested, onTouchEvent, onTrackballEvent, onTrimMemory, onUserInteraction, onUserLeaveHint, onVisibleBehindCanceled, onWindowAttributesChanged, onWindowDismissed, onWindowFocusChanged, onWindowStartingActionMode, openContextMenu, openOptionsMenu, overridePendingTransition, postponeEnterTransition, recreate, registerForContextMenu, releaseInstance, removeDialog, reportFullyDrawn, requestVisibleBehind, requestWindowFeature, runOnUiThread, setActionBar, setContentTransitionManager, setDefaultKeyMode, setEnterSharedElementCallback, setExitSharedElementCallback, setFeatureDrawable, setFeatureDrawableAlpha, setFeatureDrawableResource, setFeatureDrawableUri, setFinishOnTouchOutside, setImmersive, setIntent, setMediaController, setPersistent, setProgress, setProgressBarIndeterminate, setProgressBarIndeterminateVisibility, setProgressBarVisibility, setRequestedOrientation, setResult, setResult, setSecondaryProgress, setTaskDescription, setTitle, setTitle, setTitleColor, setVisible, setVolumeControlStream, shouldUpRecreateTask, showDialog, showDialog,

startActionMode, startActivities, startActivities, startActivity, startActivity,  
startActivityAsCaller, startActivityAsUser, startActivityAsUser,  
startActivityForResult, startActivityForResultAsUser, startActivityForResultAsUser,  
startActivityFromChild, startActivityFromChild, startActivityFromFragment,  
startActivityFromFragment, startActivityIfNeeded, startActivityIfNeeded,  
startIntentSender, startIntentSender, startIntentSenderForResult,  
startIntentSenderForResult, startIntentSenderFromChild, startIntentSenderFromChild,  
startLockTask, startManagingCursor, startNextMatchingActivity,  
startNextMatchingActivity, startPostponedEnterTransition, startSearch, stopLockTask,  
stopManagingCursor, takeKeyEvents, triggerSearch, unregisterForContextMenu

## ■ Methods inherited from class `android.view.ContextThemeWrapper`

applyOverrideConfiguration, attachBaseContext, getResources, getTheme,  
getThemeResId, setTheme

## ■ Methods inherited from class `android.content.ContextWrapper`

bindService, bindServiceAsUser, checkCallingOrSelfPermission,  
checkCallingOrSelfPermission, checkCallingPermission, checkCallingUriPermission,  
checkPermission, checkUriPermission, checkUriPermission, clearWallpaper,  
createApplicationContext, createConfigurationContext, createDisplayContext,  
createPackageContext, createPackageContextAsUser, databaseList, deleteDatabase,  
deleteFile, enforceCallingOrSelfPermission, enforceCallingOrSelfPermission,  
enforceCallingPermission, enforceCallingUriPermission, enforcePermission,  
enforceUriPermission, enforceUriPermission, fileList, getApplicationContext,  
getApplicationContextInfo, getAssets, getBaseContext, getBasePackageName, getCacheDir,  
getClassLoader, getCodeCacheDir, getContentResolver, getDatabasePath, getDir,  
getDisplayAdjustments, getExternalCacheDir, getExternalCacheDirs,  
getExternalFilesDir, getExternalFilesDirs, getExternalMediaDirs, getFilesDir,  
getFileStreamPath, getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs,  
getOpPackageName, getPackageCodePath, getPackageManager, getPackageName,  
getPackageResourcePath, getSharedPreferences, getSharedPreferencesFile, getUserId,  
getWallpaper, getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth,  
grantUriPermission, isRestricted, openFileInput, openFileOutput,  
openOrCreateDatabase, openOrCreateDatabase, peekWallpaper, registerReceiver,

```
registerReceiver, registerReceiverAsUser, removeStickyBroadcast,  
removeStickyBroadcastAsUser, revokeUriPermission, sendBroadcast, sendBroadcast,  
sendBroadcast, sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast,  
sendOrderedBroadcast, sendOrderedBroadcast, sendOrderedBroadcastAsUser,  
sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser,  
sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setWallpaper,  
setWallpaper, startActivitiesAsUser, startInstrumentation, startService,  
startServiceAsUser, stopService, stopServiceAsUser, unbindService,  
unregisterReceiver
```

## ▪ Methods inherited from class `android.content.Context`

```
getDrawable, getString, getString, 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**

- **MainActivity2**

```
public MainActivity2()
```

- **Method Detail**

- **onCreate**

```
protected void onCreate(android.os.Bundle savedInstanceState)
```



## Description copied from class: `android.support.v4.app.FragmentActivity`

Perform initialization of all fragments and loaders.

### Overrides:

`onCreate` in class `android.support.v7.app.ActionBarActivity`

### Parameters:

`savedInstanceState` - If the activity is being re-initialized after previously being shut down then this Bundle contains the data it most recently supplied in

`Activity.onSaveInstanceState(android.os.Bundle)`. **Note: Otherwise it is null.**

### See Also:

`Activity.onStart()`, `Activity.onSaveInstanceState(android.os.Bundle)`,  
`Activity.onRestoreInstanceState(android.os.Bundle)`,  
`Activity.onPostCreate(android.os.Bundle)`

## ■ `evaluateMessage`

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

Executed once the submit button has been clicked. Will query results and see if a match has been found. Initiates a new activity depending on results.

### Parameters:

`view` - Handles screen layouts and interaction with the user

## ■ `getSupportFragmentManager`

```
public android.support.v4.app.FragmentManager getSupportFragmentManager()
```

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