

## TopicListFragment Class

A list fragment that represents a list of Topics. This fragment also supports tablet devices by allowing list items to be given an 'activated' state upon selection. This helps indicate which item is currently being viewed in a [{@link TopicDetailFragment}](#).

Activities containing this fragment MUST implement the [{@link Callbacks}](#) interface.

A list fragment that displays a list of items by binding to an array data source, and exposes event handlers when the user selects an item. This is the initial class for the activity.

## Inheritance Hierarchy

android.support.v4.app

ListFragment

Namespace: com.example.resume

## Constructors

Name	Description
TopicListFragment	Mandatory empty constructor for the fragment manager to instantiate the fragment (e.g. upon screen orientation changes).

## Interfaces

Name	Description
onItemSelected (String)	Callback for when an item has been selected.

## Methods

Name	Description
onAttach(Activity)	Implements callbacks for Activities that contain this fragment.
onCreate(Bundle)	Attach the array adapter to the current view.
onDetach()	Reset the active callbacks interface to the dummy implementation
onListItemClick(ListView, View, int, long)	Notify the active callbacks interface (the activity, if the fragment is attached to one) that an item has been selected.
onSaveInstanceState(Bundle)	Serialize and persist the activated item position.(save the data of the application to memory when it is not the active application)
onViewCreated(View, Bundle)	Restore the previously serialized activated item position
setActivateOnItemClick(boolean)	Turns on activate-on-click mode. When this mode is on, list items will be given the 'activated' state when touched.

## Remarks

Most of this class is generated by the IDE when it creates a new Master/Detail Flow Android Application Project. It associates the subclasses or superclasses of the application to the classes provided by Eclipse, the Java language, and various product vendors.

## Edition Information

Edition 1.0

## Platforms

Eclipse Android version 4.2.2

Other devices that support Android minimum target version 17

## See Also

[TopicDetailActivity Class](#)

[TopicDetailFragment Class](#)

## TopicListFragment Constructor

Creates a TopicListFragment object.

Namespace: com.example.resume

### Syntax

```
TopicListFragment Fragment = new TopicListFragment();
```

### Parameters

This constructor has no parameters.

### Return Value

Returns a TopicListFragment object.

### Remarks

This method supports list item handling in the main Activity of the application.

### See Also

[openBrowser \(String\)](#)

[TopicDetailFragment Class](#)

## TopicListFragment.onItemSelected (String) Interface

Called when an item is selected in the ListActivity pane. The Callback method to be invoked when an item in this pane has been selected. This callback is invoked only when the newly selected position is different from the previously selected position or if there was no selected item.

Namespace: com.example.resume

### Syntax

#### Parameters

*String*

Type: java.lang.String

The id of the item that is selected in the item list.

#### Return Value

This method does not return a value.

#### Remarks

How the fragment is displayed is dependent on the width of the device screen.

#### See Also

[openBrowser \(String\) Method](#)

[TopicDetailFragment Class](#)

## TopicListFragment.onAttach(Activity) Method

Called when the fragment is associated with its activity.

Namespace: com.example.resume

### Syntax

### Parameters

*Activity*

Type: android.app.Activity

The object that provides a screen with which users can interact in order to perform a task, like view a resume or send an email. An activity can start other activities, including activities that live in separate applications.

### Return Value

This method does not return a value.

### Remarks

This is one of the core series of lifecycle methods that are called to bring a fragment up to its initial or resumed state (interacting with the user).

### See Also

TopicDetailFragment Class

Fragment Lifecycle Activity, located at

<http://developer.android.com/reference/android/app/Fragment.html>

## TopicListFragment.onCreate(Bundle) Method

Performs initial creation of a fragment. This is called after `onAttach(Activity)` and before `onCreateView(LayoutInflater, ViewGroup, Bundle)`.

Namespace: `com.example.resume`

### Syntax

### Parameters

*Bundle*

Type: `android.os.Bundle`

The object that provides a mapping between String values and various Parcelable types.

### Return Value

This method does not return a value.

### Remarks

This is one of the core series of lifecycle methods that are called to bring a fragment up to its initial or resumed state (interacting with the user). It attaches the array adapter to the current view.

### See Also

TopicDetailFragment Class

ArrayAdapter Class, located at

<http://developer.android.com/reference/android/widget/ArrayAdapter.html>

Fragment Lifecycle Activity, located at

<http://developer.android.com/reference/android/app/Fragment.html>

## TopicListFragment.onDetach() Method

Reset the active callbacks interface to the dummy implementation. This is called after `onAttach(Activity)` and before `onCreateView(LayoutInflater, ViewGroup, Bundle)`.

Namespace: `com.example.resume`

### Syntax

### Parameters

*Bundle*

This method has no parameters.

### Return Value

This method does not return a value.

### Remarks

Called when the fragment is no longer attached to its activity. This is called after `onDestroy()`.

### See Also

TopicDetailFragment Class

Fragment Lifecycle Activity, located at

<http://developer.android.com/reference/android/app/Fragment.html>

## TopicListFragment.onListItemClick(ListView, View, int, long) Method

The Callback method that is invoked when an item is selected in the ListActivity pane. It is invoked only when the newly selected position is different from the previously selected position or if there was no selected item.

Namespace: com.example.resume

### Syntax

#### Parameters

*ListView*

Type: android.widget.ListView

The list view widget for the activity.

*View*

Type: android.view.View

The view that was clicked within the ListView

*Int*

Type: java.lang

The position of the currently selected list item.

*Long*

Type: java.lang

The cursor row ID of the currently selected list item.

#### Return Value

This method does not return a value.

#### Remarks

How the fragment is displayed is dependent on the width of the device screen.

#### See Also

ListView Class

TopicListActivity Class

## TopicListFragment.onSaveInstanceState(Bundle) Method

Saves the current dynamic state of the fragment, so it can later be reconstructed in a new instance if the process is restarted.

Namespace: `com.example.resume`

### Syntax

### Parameters

*Bundle*

Type: `android.os.Bundle`

The object that provides a mapping between String values and various Parcelable types.

### Return Value

This method does not return a value.

### Remarks

This method does not actually save the state of the fragment, just receives a request to save the state. This may occur when the activity is destroyed due to normal app behavior, if the activity has not been used in a long time, or if a different foreground activity requires enough resources that the system must shut down background processes to recover memory.

### See Also

TopicDetailFragment Class

Recreating an Activity, located at <http://developer.android.com/training/basics/activity-lifecycle/recreating.html>

Fragment Lifecycle Activity, located at <http://developer.android.com/reference/android/app/Fragment.html>

## TopicListFragment.onViewCreated(View, Bundle) Method

Allows subclasses a chance to initialize themselves immediately after their view hierarchy has been completely created. The view hierarchy is not attached to its parent at this point.

Namespace: com.example.resume

### Syntax

### Parameters

*View*

Type: android.view.View

The view that was returned by the onCreateView method.

*Bundle*

Type: android.os.Bundle

The object that provides a mapping between String values and various Parcelable types. If it is not null, this fragment is being re-constructed from a previous saved state.

### Return Value

This method does not return a value.

### Remarks

Called immediately after the onCreateView method, but before any saved state has been restored in to the view.

### See Also

Fragment Lifecycle Activity, located at  
<http://developer.android.com/reference/android/app/Fragment.html>

## TopicListFragment.setActivateOnItemClick(boolean) Method

Turns on activate-on-click mode.

Namespace: com.example.resume

### Syntax

### Parameters

*Boolean*

Type:java.lang

Specifies whether the list item is activated.

### Return Value

This method does not return a value.

### Remarks

When this mode is on, list items will be given the 'activated' state when touched.

### See Also

Using Code Templates, located at <https://developer.android.com/tools/projects/templates.html>

Implementing Adaptive UI Flows, located at

<http://developer.android.com/training/multiscreen/adaptui.html>