ultramirinc.champs_mood

Class BreakCreator

java.lang.Object
    android.support.v4.app.Fragment
        android.support.v4.app.DialogFragment
            ultramirinc.champs_mood.BreakCreator

All Implemented Interfaces:

android.content.ComponentCallbacks, android.content.DialogInterface.OnCancelListener,
android.content.DialogInterface.OnDismissListener,
android.view.View.OnCreateContextMenuListener,
android.widget.AdapterView.OnItemSelectedListener

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public class **BreakCreator**
extends android.support.v4.app.DialogFragment
implements android.widget.AdapterView.OnItemSelectedListener

Created by Etienne Berube on 2017-03-23. This class is a Pop-up that appears when the user wants to create a new Break Object for his schedule

Nested Class Summary

Nested Classes

Modifier and Type	Class and Description
static interface	**BreakCreator.OnBreakReadyListener** A Custom listener for when the break is ready.

Nested classes/interfaces inherited from class android.support.v4.app.Fragment

android.support.v4.app.Fragment.InstantiationException,
android.support.v4.app.Fragment.SavedState

Field Summary

Fields

Modifier and Type	Field and Description
private android.content.Context	**context** Contains the context of the attached activity

private java.lang.String	**day** Day of the break	
private android.app.TimePickerDialog	**end** The TimePickerDialog for the ending time	
private int	**endHour** The ending hour of the break	
private int	**endMinute** The ending minute of the break	
private android.widget.TextView	**endTime** Contains the view for the end time	
private boolean	**isCancelled** Is true if the user cancelled the break creation	
private android.widget.Spinner	**listDay** Contains the drop-down menu of the days of the week	
private **BreakCreator.OnBreakReadyListener**	**mListener** Contains the listener when the break is ready	
private android.app.TimePickerDialog	**start** The TimePickerDialog for the starting time	
private int	**startHour** The starting hour of the break	
private int	**startMinute** The starting minute of the break	
private android.widget.TextView	**startTime** Contains the view for the start time	

Fields inherited from class android.support.v4.app.DialogFragment

STYLE_NO_FRAME, STYLE_NO_INPUT, STYLE_NO_TITLE, STYLE_NORMAL

Constructor Summary

Constructors

Constructor and Description
BreakCreator()

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods

Modifier and Type	Method and Description
boolean	**checkIfComplete**() Check if the potential break is complete or if certain fields are missing.
java.lang.String	**getDay**() Getter for day
int	**getEndHour**() Getter for endHour
int	**getEndMinute**() Getter for endMinute
BreakCreator.OnBreakReadyListener	**getListener**() Getter for mListener
int	**getStartHour**() Getter for startHour
int	**getStartMinute**() Getter for startMinute
boolean	**isCancelled**() Getter for isCancelled
static **BreakCreator**	**newInstance**(int title) Creates a new instance of this dialog.
void	**onAttach**(android.content.Context context) Gets context from attached activity.
android.view.View	**onCreateView**(android.view.LayoutInflater inflater, android.view.ViewGroup container,

	android.os.Bundle savedInstanceState) Inflates the visual layout of the dialog.
void	**onItemSelected**(android.widget.AdapterView<?> parent, android.view.View view, int position, long id) Selects a day from the dropdown menu when it is clicked on.
void	**onNothingSelected**(android.widget.AdapterView<?> parent) Sets a default value when no day is selected in the dropdown menu
void	**onResume**() Removes the keyboard from the screen when the dialog appears.
void	**onViewCreated**(android.view.View view, android.os.Bundle savedInstanceState) Sets listeners when the layout is inflated.
void	**setEndTimeView**() Setter for endTimeView
void	**setListener**(**BreakCreator.OnBreakReadyListener** listener) Setter for mListener
void	**setStartTimeView**() Setter for startTimeView

Methods inherited from class android.support.v4.app.DialogFragment

```
dismiss, dismissAllowingStateLoss, getDialog, getLayoutInflater, getShowsDialog,
getTheme, isCancelable, onActivityCreated, onCancel, onCreate, onCreateDialog,
onDestroyView, onDetach, onDismiss, onSaveInstanceState, onStart, onStop,
setCancelable, setShowsDialog, setStyle, setupDialog, show, show
```

Methods inherited from class android.support.v4.app.Fragment

```
dump, equals, getActivity, getAllowEnterTransitionOverlap,
getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext,
getEnterTransition, getExitTransition, getFragmentManager, getHost, getId,
getLoaderManager, getParentFragment, getReenterTransition, getResources,
getRetainInstance, getReturnTransition, getSharedElementEnterTransition,
getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment,
getTargetRequestCode, getText, getUserVisibleHint, getView, hashCode,
hasOptionsMenu, instantiate, instantiate, isAdded, isDetached, isHidden,
isInLayout, isMenuVisible, isRemoving, isResumed, isVisible, onActivityResult,
onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected,
onCreateAnimation, onCreateContextMenu, onCreateOptionsMenu, onDestroy,
onDestroyOptionsMenu, onHiddenChanged, onInflate, onInflate, onLowMemory,
onMultiWindowModeChanged, onOptionsItemSelected, onOptionsMenuClosed, onPause,
onPictureInPictureModeChanged, onPrepareOptionsMenu, onRequestPermissionsResult,
onViewStateRestored, postponeEnterTransition, registerForContextMenu,
requestPermissions, setAllowEnterTransitionOverlap,
setAllowReturnTransitionOverlap, setArguments, setEnterSharedElementCallback,
setEnterTransition, setExitSharedElementCallback, setExitTransition,
```

setHasOptionsMenu, setInitialSavedState, setMenuVisibility, setReenterTransition, setRetainInstance, setReturnTransition, setSharedElementEnterTransition, setSharedElementReturnTransition, setTargetFragment, setUserVisibleHint, shouldShowRequestPermissionRationale, startActivity, startActivity, startActivityForResult, startActivityForResult, startIntentSenderForResult, startPostponedEnterTransition, toString, unregisterForContextMenu

Methods inherited from class java.lang.Object

clone, finalize, getClass, notify, notifyAll, wait, wait, wait

Field Detail

isCancelled

`private boolean isCancelled`

Is true if the user cancelled the break creation

day

`private java.lang.String day`

Day of the break

startHour

`private int startHour`

The starting hour of the break

startMinute

`private int startMinute`

The starting minute of the break

endHour

`private int endHour`

The ending hour of the break

endMinute

`private int endMinute`

The ending minute of the break

startTime

`private android.widget.TextView startTime`

Contains the view for the start time

endTime

`private android.widget.TextView endTime`

Contains the view for the end time

context

`private android.content.Context context`

Contains the context of the attached activity

listDay

`private android.widget.Spinner listDay`

Contains the drop-down menu of the days of the week

start

`private android.app.TimePickerDialog start`

The TimePickerDialog for the starting time

end

`private android.app.TimePickerDialog end`

The TimePickerDialog for the ending time

mListener

`private BreakCreator.OnBreakReadyListener mListener`

Contains the listener when the break is ready

Constructor Detail

BreakCreator

```
public BreakCreator()
```

Method Detail

onResume

```
public void onResume()
```

Removes the keyboard from the screen when the dialog appears.

Overrides:
`onResume` in class `android.support.v4.app.Fragment`

newInstance

```
public static BreakCreator newInstance(int title)
```

Creates a new instance of this dialog.

onAttach

```
public void onAttach(android.content.Context context)
```

Gets context from attached activity.

Overrides:
`onAttach` in class `android.support.v4.app.DialogFragment`

onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,
                                       android.view.ViewGroup container,
                                       android.os.Bundle savedInstanceState)
```

Inflates the visual layout of the dialog.

Overrides:
`onCreateView` in class `android.support.v4.app.Fragment`

onViewCreated

```
public void onViewCreated(android.view.View view,
                          @Nullable
                          android.os.Bundle savedInstanceState)
```

Sets listeners when the layout is inflated.

Overrides:

```
onViewCreated in class android.support.v4.app.Fragment
```

onItemSelected

```
public void onItemSelected(android.widget.AdapterView<?> parent,
                           android.view.View view,
                           int position,
                           long id)
```

Selects a day from the dropdown menu when it is clicked on.

Specified by:

```
onItemSelected in interface android.widget.AdapterView.OnItemSelectedListener
```

onNothingSelected

```
public void onNothingSelected(android.widget.AdapterView<?> parent)
```

Sets a default value when no day is selected in the dropdown menu

Specified by:

```
onNothingSelected in interface android.widget.AdapterView.OnItemSelectedListener
```

setStartTimeView

```
public void setStartTimeView()
```

Setter for startTimeView

setEndTimeView

```
public void setEndTimeView()
```

Setter for endTimeView

checkIfComplete

```
public boolean checkIfComplete()
```

Check if the potential break is complete or if certain fields are missing.
```

### isCancelled

public boolean isCancelled()

Getter for isCancelled

### getDay

public java.lang.String getDay()

Getter for day

### getStartHour

public int getStartHour()

Getter for startHour

### getStartMinute

public int getStartMinute()

Getter for startMinute

### getEndHour

public int getEndHour()

Getter for endHour

### getEndMinute

public int getEndMinute()

Getter for endMinute

### getListener

public BreakCreator.OnBreakReadyListener getListener()

Getter for mListener

### setListener

public void setListener(BreakCreator.OnBreakReadyListener listener)

Setter for mListener