https://stackoverflow.com/a/33031936

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| 15down vote | I have nice solution for RecyclerView's onItemClickListener for the items and subitems  **Step 1-** Create an interface  public interface OnRecyclerViewItemClickListener  {  /\*\*  \* Called when any item with in recyclerview or any item with in item  \* clicked  \*  \* @param position  \* The position of the item  \* @param id  \* The id of the view which is clicked with in the item or  \* -1 if the item itself clicked  \*/  public void onRecyclerViewItemClicked(int position, int id);  }  **Step 2-** Then use it in adapter's onBindViewHolder method in the following way  /\*\*  \* Custom created method for Setting the item click listener for the items and items with in items  \* @param listener OnRecyclerViewItemClickListener  \*/  public void setOnItemClickListener(OnRecyclerViewItemClickListener listener)  {  this.listener = listener;  }  @Override  public void onBindViewHolder(ViewHolder viewHolder, final int position)  {  // viewHolder.albumBg.setBackgroundResource(\_itemData[position]  // .getImageUrl());  viewHolder.albumName.setText(arrayList.get(position).getName());  viewHolder.artistName.setText(arrayList.get(position).getArtistName());  String imgUrl = arrayList.get(position).getThumbImageUrl();  makeImageRequest(imgUrl, viewHolder);  viewHolder.parentView.setOnClickListener(new View.OnClickListener()  {  @Override  public void onClick(View v)  {  listener.onRecyclerViewItemClicked(position, -1);  }  });  viewHolder.settingButton.setOnClickListener(new View.OnClickListener()  {  @Override  public void onClick(View v)  {  listener.onRecyclerViewItemClicked(position, v.getId());  }  });  }  // class to hold a reference to each item of RecyclerView  public static class ViewHolder extends RecyclerView.ViewHolder  {  public TextView albumName, artistName;  public ImageView albumIcon, settingButton;  public LinearLayout parentView;  public ViewHolder(View itemLayoutView)  {  super(itemLayoutView);  // albumBg = (LinearLayout) itemLayoutView  // .findViewById(R.id.albumDlbg);  albumName = (TextView) itemLayoutView.findViewById(R.id.albumName);  artistName = (TextView) itemLayoutView  .findViewById(R.id.artistName);  albumIcon = (ImageView) itemLayoutView.findViewById(R.id.albumIcon);  parentView = (LinearLayout) itemLayoutView  .findViewById(R.id.albumDlbg);  settingButton = (ImageView) itemLayoutView  .findViewById(R.id.settingBtn);  }  }  **Step 3-** find and setup recycler view in activity or fragment where you are using this  recyclerView = (RecyclerView) rootview.findViewById(R.id.vmtopsongs);  lm = new LinearLayoutManager(mActivity);  lm.setOrientation(LinearLayoutManager.VERTICAL);  recyclerView.setLayoutManager(lm);  recyclerView.addItemDecoration(  new HorizontalDividerItemDecoration.Builder(getActivity())  .paint(Utils.getPaint()).build());  PopularSongsadapter mAdapter = new PopularSongsadapter(gallery,  mActivity, true);  // set adapter  recyclerView.setAdapter(mAdapter);  //set cái này thôi  mAdapter.setOnItemClickListener(this);  // set item animator to DefaultAnimator  recyclerView.setItemAnimator(new DefaultItemAnimator());  **Step 4-** Finally implement interface in activity or fragment where you are using the recyclerview  @Override  public void onRecyclerViewItemClicked(int position, int id)  {  if(id==-1){  Toast.makeText(mActivity, "complete item clicked", Toast.LENGTH\_LONG).show();  }else{  Toast.makeText(mActivity, "setting button clicked", Toast.LENGTH\_LONG).show();  }  }   |  |  | | --- | --- | | [share](http://stackoverflow.com/a/33031936)[improve this answer](http://stackoverflow.com/posts/33031936/edit) | answered Oct 9 '15 at 7:03  [[https://i.stack.imgur.com/vuAlJ.jpg?s=32&g=1](http://stackoverflow.com/users/3789686/gopal-singh-sirvi)](http://stackoverflow.com/users/3789686/gopal-singh-sirvi)  [Gopal Singh Sirvi](http://stackoverflow.com/users/3789686/gopal-singh-sirvi)  **2,405**41639 | |
|  | |  |  |  |  | | --- | --- | --- | --- | | |  |  | | --- | --- | | 2 |  | | This is the best solution because we usually need a lot of properties from activity/fragment on our onItemClickListener, and theres no sense to call it direct from the viewholder (i would have to create a custom constructor for each adapter). By the way, your code is a little extense, i suggest you to cut it to the most important part (setOnItemClickListener). – [sagits](http://stackoverflow.com/users/1713345/sagits" \o "2,236 reputation) [Oct 28 '15 at 16:37](http://stackoverflow.com/questions/24471109/recyclerview-onclick#comment54584660_33031936) | |