

Fragment Transitions

Like window and shared elements transitions, fragments can also be used with transitions. You can use Slide, Explode and Fade transitions (in fact, every transition that extends the Visibility class) for fragments. In order to add transitions to fragments, you must set transitions before adding the fragment to a fragment transaction.

Two common cases for using transitions with fragments is when you enter a fragment or when you return from a fragment. In this lesson you will learn to create transitions for these two cases.

What you can find particularly useful is applying transitions as enter and return transitions for fragments as follows:

```
MyFragment frag = new MyFragment();
Transition enter = new Slide(Gravity.TOP); //Create a slide transition that is revealed from the top
of screen
transition.setDuration(3000); //You can give it a duration
fragment.setEnterTransition(enter);
Transition return = new Explode();
return.setDuration(2500);
fragment.setReturnTransition(return);
FragmentManager transaction = getSupportFragmentManager.beginTransaction();
transaction.addFragment(fragment); //Add fragment to transaction
transaction.addToBackStack(null); //Add to back stack so we can return from it with the back
button
transaction.commit(); //Commit the transaction
```

You can also use transitions inflated from resources for your fragments. For example, the above enter transition can be created this way:

```
Transition enter =
TransitionInflater.from(getContext()).inflateTransition(R.transition.enter_transition);
```