**Фрагменты**

Код в разметке файлов не изменяется. Берем все из примера и меняем только MainActivity.java, FirstFragment.java и SecondFragment.java.

**MainActivity.java**

**public** **class** MainActivity **extends** FragmentActivity **implements** OnButtonPressListener {

@Override

**public** **void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

}

@Override

**public** **void** onButtonPressed(String msg) {

FirstFragment Obj = (FirstFragment) getSupportFragmentManager().findFragmentById(R.id.***frag\_1***);  
Obj.onFragmentInteraction(msg);  
  
SecondFragment Obj2 = (SecondFragment) getSupportFragmentManager().findFragmentById(R.id.***frag\_2***);  
Obj2.onFragmentInteraction(msg);

}

}

**FirstFragment.java**

**public class** FirstFragment **extends** Fragment {  
 TextView **textView**;  
 View **view**;  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,Bundle savedInstanceState) {  
 ViewGroup root = (ViewGroup) inflater.inflate(R.layout.***fragment***, **null**);  
 init(root);  
 **view** = inflater.inflate(R.layout.***fragment***, container, **false**);  
 **return view**;  
 }  
 OnButtonPressListener **buttonListener**;  
 @Override  
 **public void** onAttach(Activity activity) {  
 **super**.onAttach(activity);  
 **try** {  
 **buttonListener** = (OnButtonPressListener) getActivity();  
 } **catch** (ClassCastException e) {  
 **throw new** ClassCastException(activity.toString() + **" must implement onButtonPressed"**);  
 }  
 }  
 **void** init(ViewGroup root) {  
 TextView but = (TextView)root.findViewById(R.id.***text***);  
 but.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 *//* ***TODO Auto-generated method stub* buttonListener**.onButtonPressed(**"Первый фрагмент передал второму"**);  
 }  
 });  
 }  
  
 **public void** onFragmentInteraction(String uri) {  
 Log.*d*(**"sai"**,uri);  
 **textView** = **view**.findViewById(R.id.***text***);  
 **textView**.setText(uri);  
 }  
}

**SecondFragment.java**

**import** android.app.Activity;  
**import** android.os.Bundle;  
**import** android.util.Log;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.TextView;  
  
**import** androidx.fragment.app.Fragment;  
  
**public class** SecondFragment **extends** Fragment {  
 TextView **textView**;  
 View **view**;  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,Bundle savedInstanceState) {  
 ViewGroup root = (ViewGroup) inflater.inflate(R.layout.***fragment***, **null**);  
 init(root);  
 **view** = inflater.inflate(R.layout.***fragment***, container, **false**);  
 **return view**;  
 }  
 OnButtonPressListener **buttonListener**;  
 @Override  
 **public void** onAttach(Activity activity) {  
 **super**.onAttach(activity);  
 **try** {  
 **buttonListener** = (OnButtonPressListener) getActivity();  
 } **catch** (ClassCastException e) {  
 **throw new** ClassCastException(activity.toString() + **" must implement onButtonPressed"**);  
 }  
 }  
 **void** init(ViewGroup root) {  
 TextView but = (TextView)root.findViewById(R.id.***text***);  
 but.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 *//* ***TODO Auto-generated method stub* buttonListener**.onButtonPressed(**"Второй фрагмент передал первому"**);  
 }  
 });  
 }  
 **public void** onFragmentInteraction(String uri) {  
 Log.*d*(**"sai"**,uri);  
 **textView** = **view**.findViewById(R.id.***text***);  
 **textView**.setText(uri);}}

Скриншот работы представлен ниже:

