

Работа с широковещательными сообщениями

Код программы:

Manifest:

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.broadcast">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.Broadcast">
        <receiver
            android:name=".MyReceiver"
            android:enabled="true"
            android:exported="true">
            <intent-filter>
                <action android:name="com.example.broadcast.Message" />
            </intent-filter>
        </receiver>

        <activity
            android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

MainActivity:

```
package com.example.broadcast;

import androidx.appcompat.app.AppCompatActivity;

import android.content.ComponentName;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;

public class MainActivity extends AppCompatActivity {

    public static final String ALARM_MESSAGE = "Срочно пришлите коша!";

    @Override
```

```

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
}

public void sendMessage(View view) {
    Intent = new Intent();
    ComponentName = new ComponentName(this, MyReceiver.class);
    intent.putExtra("com.example.broadcast.Message", ALARM_MESSAGE);
    intent.addFlags(Intent.FLAG_INCLUDE_STOPPED_PACKAGES);
    intent.setComponent(componentName);
    sendBroadcast(intent);
}
}

```

MyReceiver:

```

package com.example.broadcast;

import android.content.BroadcastReceiver;
import android.content.Context;
import android.content.Intent;
import android.util.Log;
import android.widget.Toast;

public class MyReceiver extends BroadcastReceiver {

    @Override
    public void onReceive(Context context, Intent intent) {

        Log.i("My_log", "Start BR");

        Toast.makeText(context, "Обнаружено сообщение: " +
intent.getStringExtra("com.example.broadcast.Message"),
            Toast.LENGTH_SHORT).show();

        Log.i("My_log", "End BR");
    }
}

```

Пример работы программы:

7:21



Broadcast

ОТПРАВИТЬ СООБЩЕНИЕ