

Support Libraries

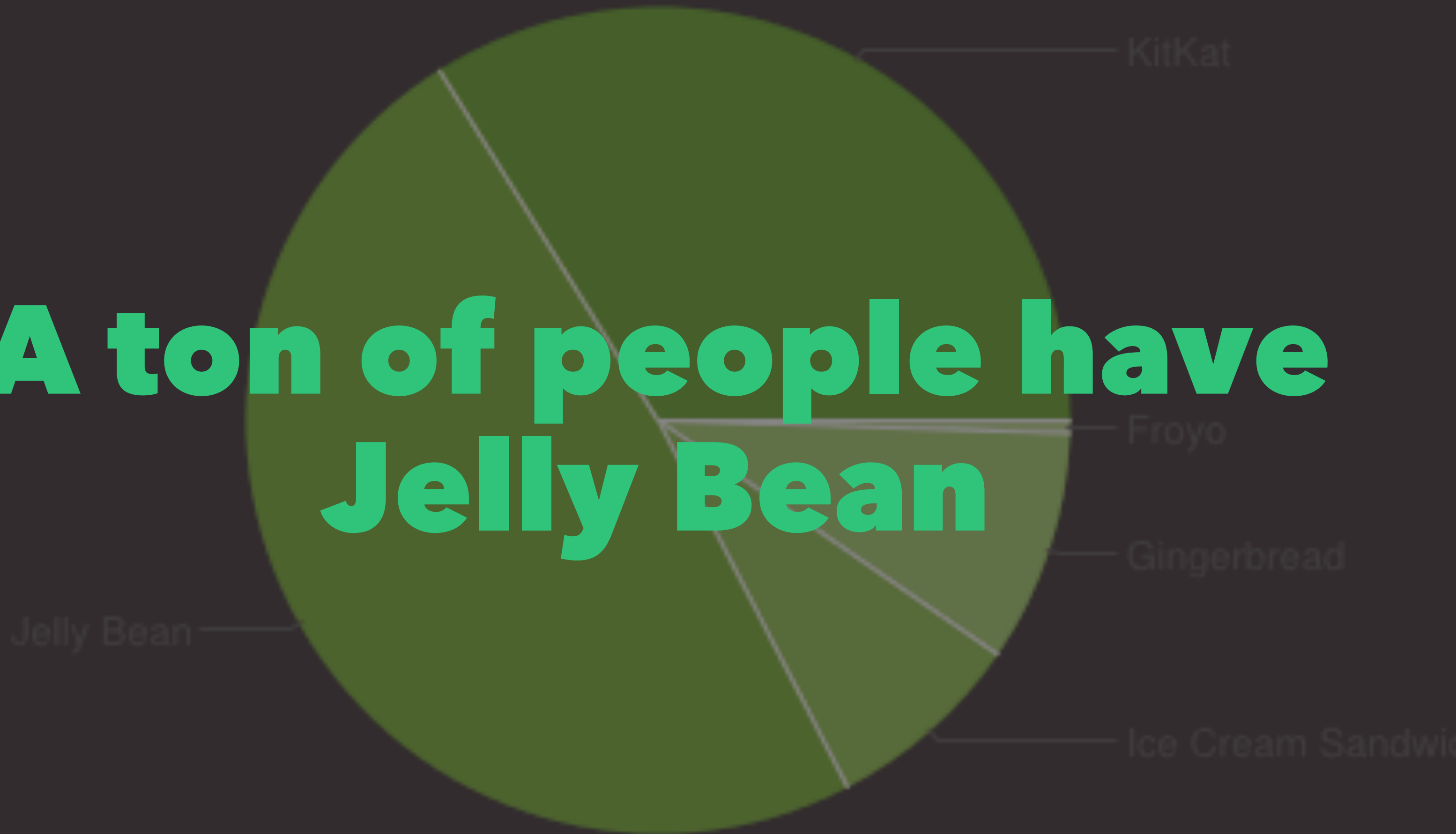
Why use Support Libraries?

**Everyone loves new
API**

**But not everyone has
the latest greatest
phone**

In fact..

**A ton of people have
Jelly Bean**



**Support Libraries allow you to support older API levels
while utilizing new features**

How to decide which Support Library to use?

code

```
package com.flatironschool.someawesomeproject;

import android.app.AlertDialog;
import android.support.v7.app.ActionBarActivity;
import android.support.v4.app.Fragment;
import android.os.Bundle;

public class AdvancedViewActivity extends ActionBarActivity {

    //Yada Yada

}
```

Checking API Level

```
if(Build.VERSION.SDK_INT == 18 ){  
    // Do some stuff  
}  
else if (Build.VERSION.SDK_INT == 19) {  
    // Do some stuff  
}  
else{  
    // Do some stuff  
}
```

Targeting API's

```
@TargetApi(someApiLevel)
```

Indicates that Lint should treat this type as targeting a given API level, no matter what the project target is.

```
import android.annotation.TargetApi;
```

```
@TargetApi(13)
```

```
private void doSomeApiLevel13Things(){
```

```
}
```