

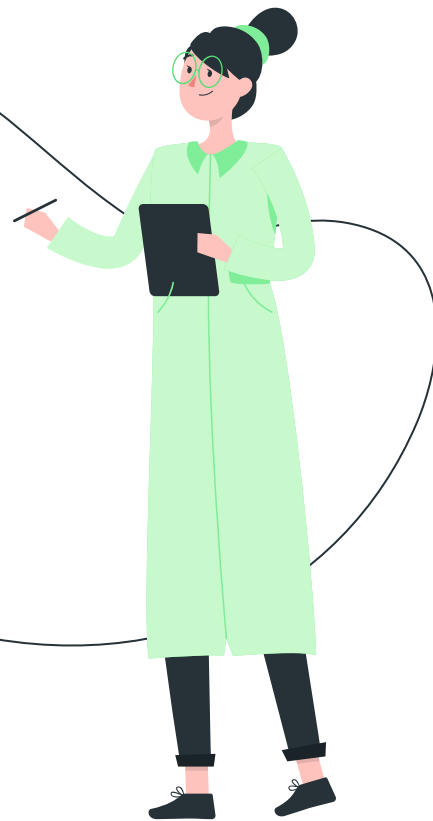


Anahí Salgado

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Jetpack Compose en tu proyecto de Android Views

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Jetpack Compose

Jetpack Compose es el kit de herramientas moderno de Android para compilar IU nativas.



Jetpack Compose 1.0



```
@Composable
fun JetpackCompose() {
    Card {
        var expanded by remember { mutableStateOf(false) }
        Column(Modifier.clickable { expanded = !expanded }) {
            Image(painterResource(R.drawable.jetpack_compose))
            AnimatedVisibility(expanded) {
                Text(
                    text = "Jetpack Compose",
                    style = MaterialTheme.typography.h2,
                )
            }
        }
    }
}
```



Jetpack
Compose

@anncode

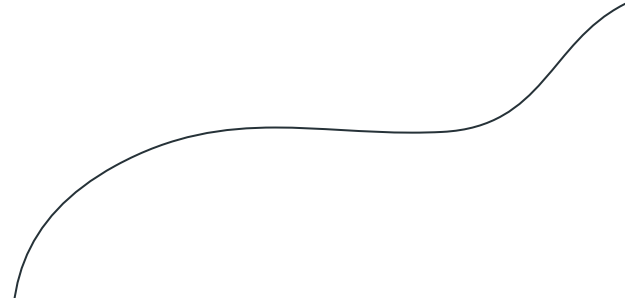


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Preview release

Get early access to the latest features and improvements in Android Studio.

Beta build

Get early access to new features in a well tested build.

[Download Arctic Fox \(2020.3.1\) Beta 4](#)

for Windows (926 MB)

Canary build

Get the leading-edge features in a lightly tested build.

[Download Bumblebee \(2021.1.1\) Canary 2](#)

for Windows (880 MB)

[What's new](#)

[Release updates](#)

[More downloads](#)

[Stable studio](#)

Iniciar un Proyecto

- **Start a new Android Studio project**
- Select a Project Template: **Empty Compose Activity** y haz clic en **Next**.
- Configure your project: **Name, Package name**, Kotlin Language
- Minimum API level



Creando Composables en un Proyecto de Android Views

1

API 21

Versión superior.

2

Android Studio

Configurar el plugin

<https://developer.android.com/jetpack/compose/setup>

Descarga Arctic Fox Version

<https://developer.android.com/studio/preview>

3

Configurar Gradle

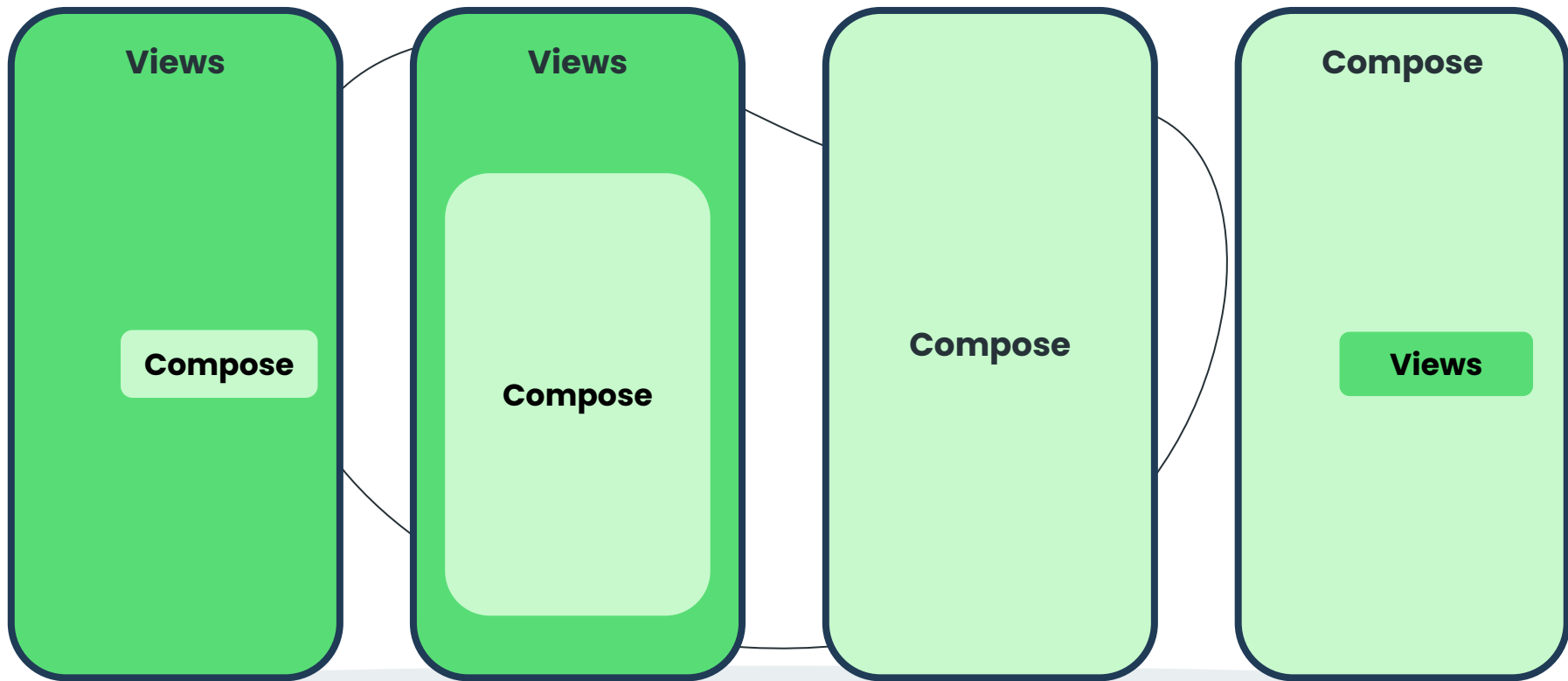
`kotlinCompilerVersion`

4

Implement Dependencies

Jetpack Compose Libraries

Interoperability



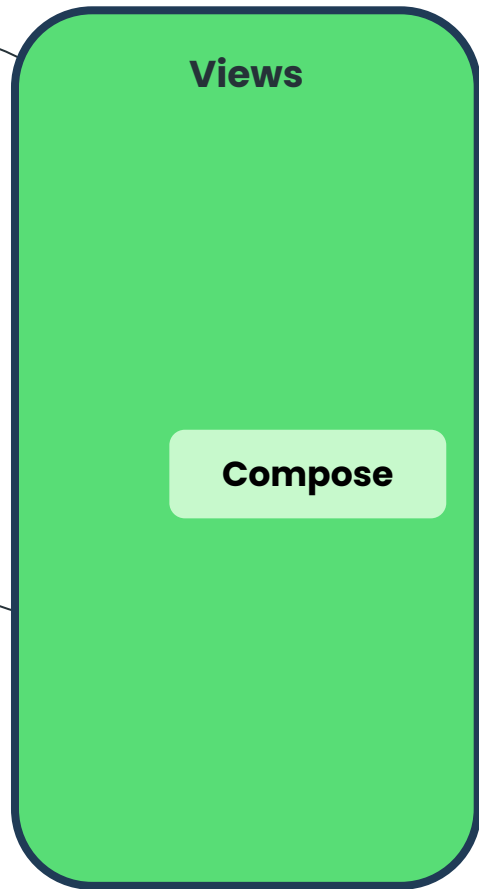
Views with Composable

```
view.findViewById<ComposeView>(R.id.compose_container)
    .setContent {
        // Composables
    }

binding.composeContainer.setContent {

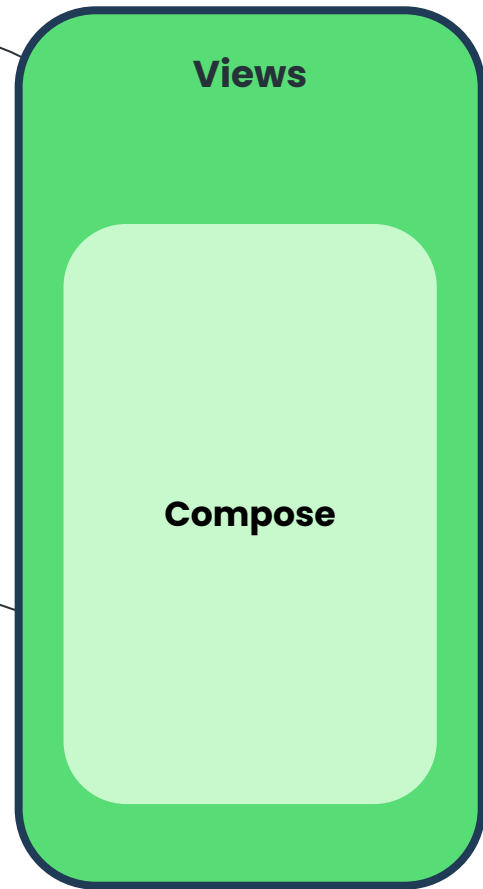
}
```

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Fragment with Compose

```
ComposeView(requireContext()).apply {  
    setContent {  
        // Composables  
    }  
}
```



Fully Compose

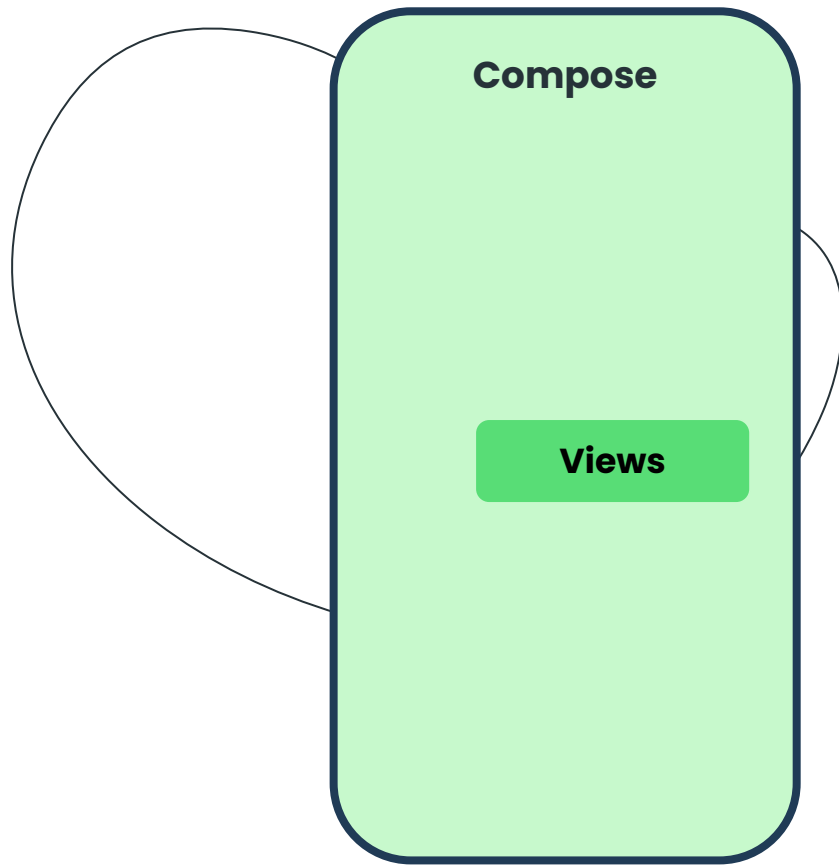
```
setContent {  
    LoginScreen()  
}
```



Compose

Compose with Views

```
setContent {  
    Text("Login")  
  
    val button = ButtonBorder()  
    AndroidView(factory = { button })  
}
```





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