



ConstraintLayout in Jetpack Compose



You are invited for my birthday!

If you want give me a gift.

It is a good idea vegetables, fruits, and a lot of green leaves.



Oh, this is more complex than I imagine.

What Layout I should use?



*I think I need to
use a Box Layout,
inside a Column...
I'm crazy...*





ConstraintLayout is a
good alternative for
complex layouts



```
implementation "androidx.constraintlayout:constraintlayout-compose:1.0.0"
```

```

@Composable
fun GuineaPigBirthdayCardContent() {
    ConstraintLayout { this: ConstraintLayoutScope
        val (guineaPigIcon, partyIcon, title, body) = createRefs()

        GuineaPigIcon(
            modifier = Modifier
                .constrainAs(guineaPigIcon) {...}
        )

        PartyEmoji(
            modifier = Modifier
                .constrainAs(partyIcon) {...}
        )

        CardTitle(
            modifier = Modifier
                .constrainAs(title) {...},
        )

        CardBody(
            modifier = Modifier
                .constrainAs(body) {...}
        )
    }
}


```

First, you need to create a reference for each Composable function.



```
@Composable
fun GuineaPigBirthdayCardContent() {
    ConstraintLayout(
        modifier = Modifier
            .constrainAs(body) { this: ConstraintScope
                top.linkTo(title.bottom, 8.dp)
                start.linkTo(guineaPigIcon.start, 12.dp)
                end.linkTo(parent.end, 12.dp)
                bottom.linkTo(partyIcon.top)
            }
    )
}

CardBody(
    modifier = Modifier
        .constrainAs(body) {...}
)
```



Second, you need to define the relationships for each Composable.

9:44



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By Moro