# Advanced Features of ConstraintLayout



Rebecca Franks
GOOGLE DEVELOPER EXPERT

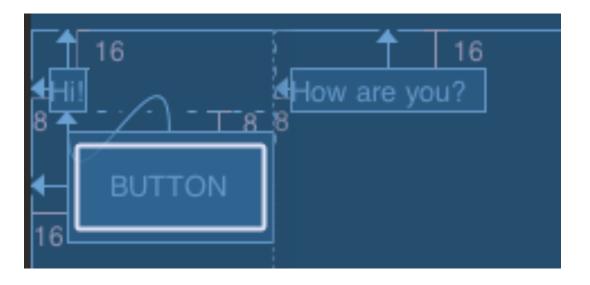
@riggaroo riggaroo.co.za

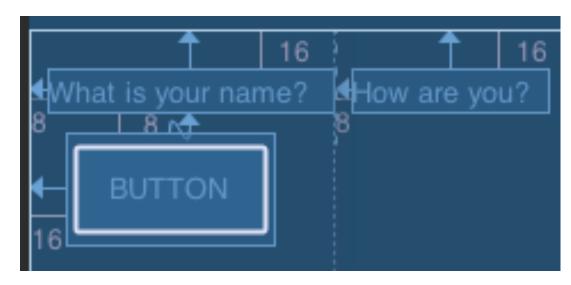
# Summary

#### Covering more advanced topics:

- Barriers
- Ratios
- Circular Positioning

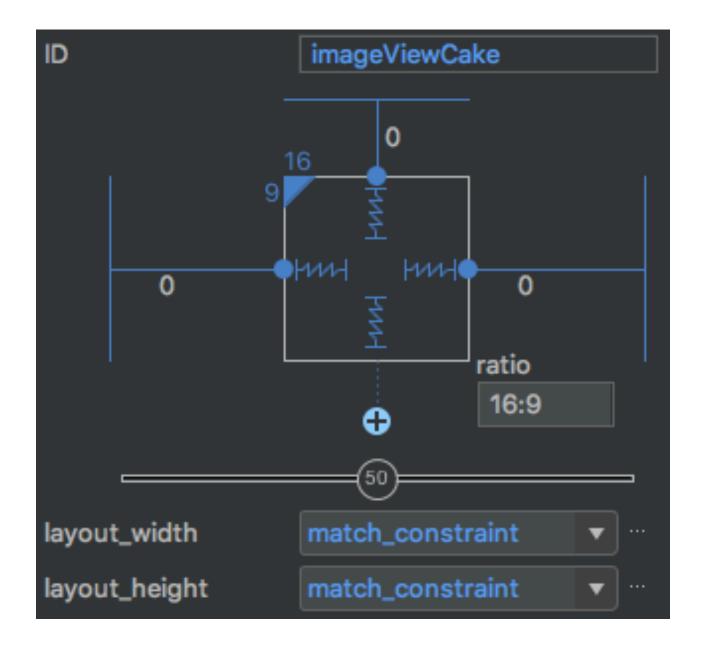
#### **Barriers**





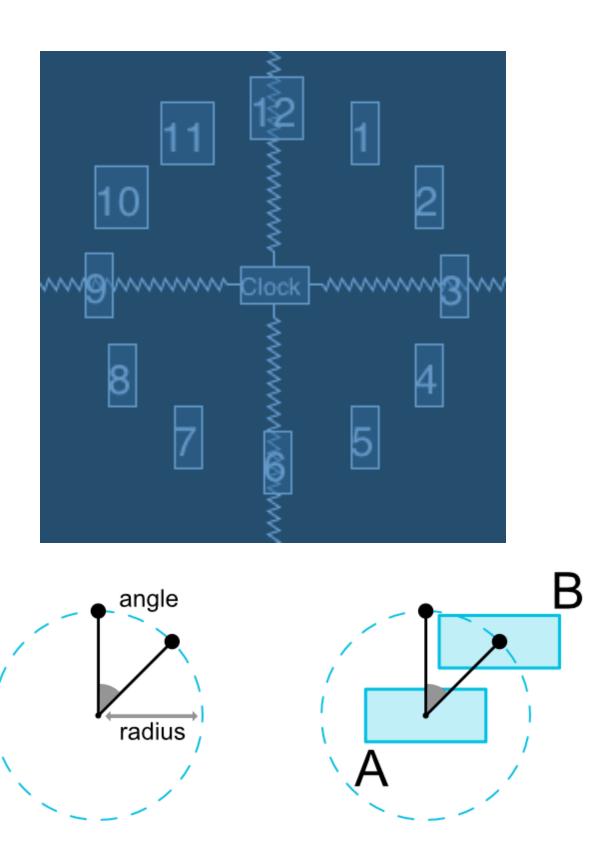
## Barriers in XML

#### **Ratios**



## Ratios in XML

## **Circular Positioning**



# Circular Positioning in XML

# Summary

### Covered some advanced topics:

- Barriers
- Ratios
- Circular Constraints