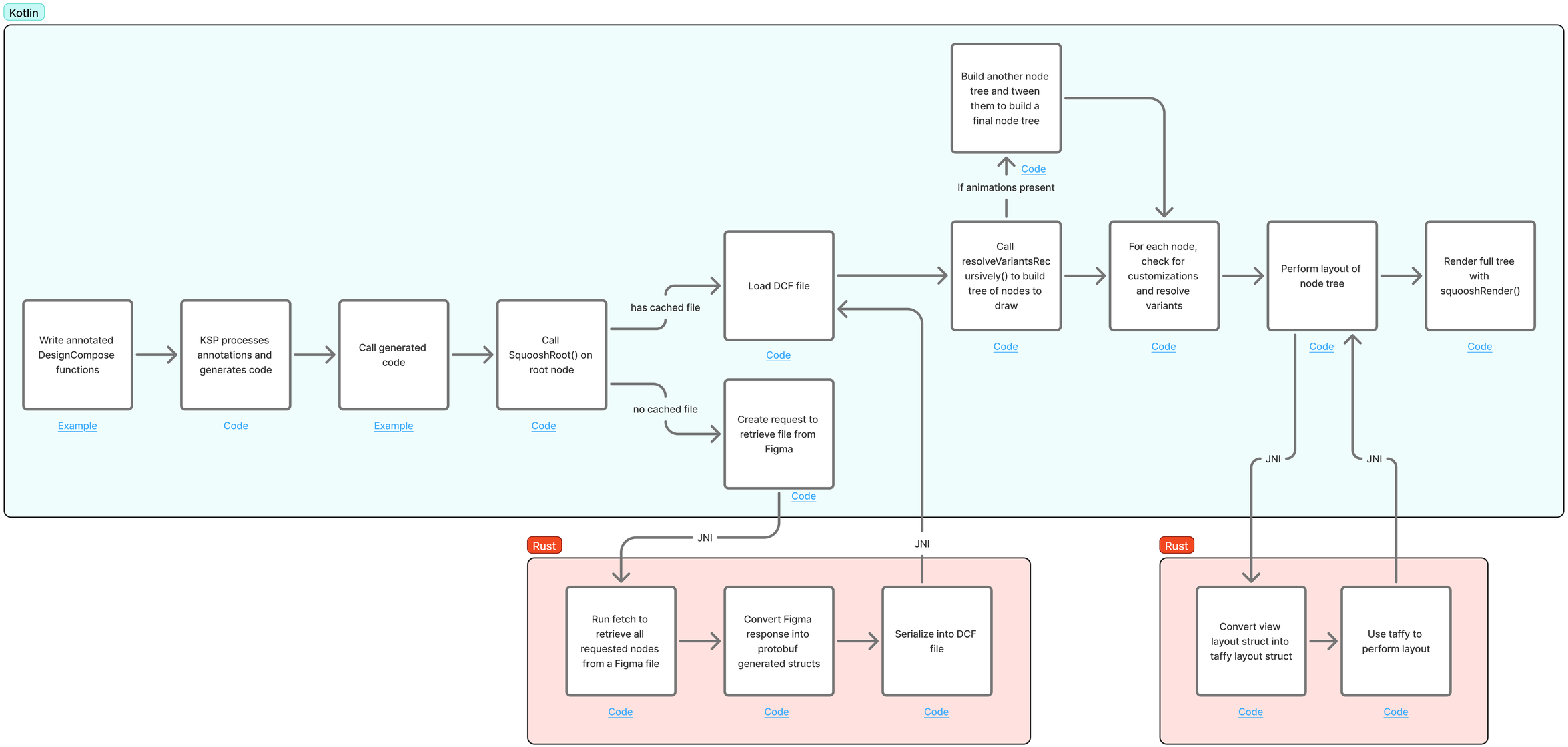
Kotlin
Write annotated DesignCompose functions
Example
KSP processes annotations and generates code
Code
Call generated code
Example
Call SquooshRoot() on root node
Code
has cached file
no cached file
Load DCF file
Code
Create request to retrieve file from Figma
Code
Call resolveVariantsRecursively() to build tree of nodes to draw
Code
If animations present
Build another node tree and tween them to build a final node tree
Code
For each node, check for customizations and resolve variants
Code
Perform layout of node tree
Code
Render full tree with squooshRender()
Code
JNI
JNI
JNI
JNI
Rust
Run fetch to retrieve all requested nodes from a Figma file
Code
Convert Figma response into protobuf generated structs
Code
Serialize into DCF file
Code
Rust
Convert view layout struct into taffy layout struct
Code
Use taffy to perform layout
Code