v1.1.0

Testing cheat sheet

jetpack compose

Finders

```
onNode(matcher)
onNodeWithContentDescription
onNodeWithTag
onNodeWithText
onRoot
```

```
onAllNodes(matcher)
onAllNodesWithContentDescription
onAllNodesWithTag
onAllNodesWithText
```

OPTIONS: `useUnmergedTree: Boolean`

Assertions

```
assert(matcher)
assertExists
assertDoesNotExist
assertContentDescriptionContains
assertContentDescriptionEquals
assertIs[Not]Displayed
assertIs[Not]Enabled
assertIs[Not]Selected
assertIs[Not]Focused
assertIsOn
assertIsOff
assertIsToggleable
assertIsSelectable
assertTextEquals
assertTextContains
assertValueEquals
assertRangeInfoEquals
assertHas[No]ClickAction
```

COLLECTIONS

```
assertAll
assertAny
assertCountEquals(Int)
```

BOUNDS

```
assert[Width|Height]IsEqualTo
assertIsEqualTo
assert[Width|Height]IsAtLeast
assertTouch[Width|Height]IsEqualTo
assertTopPositionInRootIsEqualTo
assertLeftPositionInRootIsEqualTo
getAlignmentLinePosition(BaseLine)
getUnclippedBoundsInRoot
```

Matchers

```
has[No]ClickAction
hasContentDescription[Exactly]
hasImeAction
hasProgressBarRangeInfo
has[No]ScrollAction
hasScrollTo[Index|Key|Node]Action
hasSetTextAction
hasStateDescription
hasTestTag
hasText[Exactly]
is[Not]Dialog
is[Not]Enabled
is[Not]Focused
is[Not]Selected
isHeading
isOff
isOn
isPopup
isSelectable
isToggleable
isFocusable
isRoot
```

HIERARCHICAL

```
hasParent
hasAnyChild
hasAnySibling
hasAnyDescendant
hasAnyAncestor
```

SELECTORS

```
filter(matcher)
filterToOne(matcher)
onAncestors
onChild
onChildAt
onChildren
onFirst
onLast
onParent
onSibling
onSiblings
```

Actions

```
performClick
performTouchInput
performMultiModalInput
performScrollTo
performSemanticsAction
performKeyPress
performImeAction
performTextClearance
performTextInput
performTextReplacement
```

TOUCH INPUT

```
click
doubleClick
longClick
pinch
swipe
swipe[Down|Left|Right|Up]
swipeWithVelocity
```

TOUCH INPUT PARTIAL

```
down
moveTo
movePointerTo
moveBy
movePointerBy
move
up
cancel
```

ComposeTestRule

```
@get:Rule
val testRule =
    createComposeRule()
```

```
setContent { }
density
runOnIdle { }
runOnUiThread { }
waitForIdle()
waitUntil { }
awaitIdle()
[un]registerIdlingResource()
mainClock.autoAdvance
mainClock.currentTime
mainClock.advanceTimeBy()
mainClock.advanceTimeByFrame()
mainClock.advanceTimeUntil { }
```

AndroidComposeTestRule

```
@get:Rule
val testRule =
    createAndroidComposeRule<Activity>()
```

```
ComposeTestRule.* +
activity
activityRule
```

Debug

```
onNode(...).*
```

```
printToString()
printToLog()
captureToImage()
```

goo.gle/compose-testing