```
(m)Dirty
                                                                                                                                                                                                   b actual
                                                               b = Cell(55);
                                                                                                                                                                                     "hi"
                                                                                                                                                                                                   z changed
                                                               m = Cell(() => z.get());
                                                                                                                                                                                                   z actual
                                                                                                                                                Dirty
                                                                                                                              Actual
                                                               z = Cell('hi');
                                                                                                                                                                    undefined
                                                               c = Cell(() => 1);
                                                                                                                                55
                                                                                                                                                 b ? m : c
                                                                                                                                                  undefined
                                                                                                                                                                       Dirty
                                                                                                                                                                         () => 1
                                                                                                                                                                        undefined
                                                                                                               a pull
                                                                                                                                     a observed
a.get();
                                                                                                                                                                                                                               a.onChange(fn);
                                                                                                Actual
                                                                                                                                                                                                \Actual
                                                                                                                                                                                                             Actual
                                                                                                               a +dep b
                                                                                                                                          a pull
actualize because a is Dirty
                                                                                                                                                                                                                               subscribe to the "change" event for cell a
                                                                                    Z
                                                                                                 "hi"
                                                                                                                                       a +dep b
                                                                                                               m pull
                                                                                                               m +dep z
                                                                                                                                          m pull
                                          Actual
                                                                                                                                                      Actual
                                                                                                                                                                         Actual
                                                                              —▶"hi"
                                                                                                                                                                                           —▶"hi"
                                                                                                               m changed
                                                                                                                                       m +dep z
                                                             b ? m : c
                                                                                                                                                          55
                                                                                                                                      m changed
                                                                                                               a +dep m
                                                            —▶ "hi"
                                                                                                                                                                         —▶"hi"
                                                                                                                                                                                                Dirty
                                                                                   Dirty
                                                                                                               a changed
                                                                                                                                       a +dep m
                                                                                     () => 1
                                                                                                                                                                                                  () => 1
                                                                                                                                    b +reaction a
                                                                                                                                     b observed
                                                                                    undefined
                                                                                                                                                                                                undefined
                                                                                                                                    m +reaction a
                                                                                                                                     m observed
                                                                                                                                    z +reaction m
                                                                                                                                                  cell tree activation
                                                                                                                                     z observed
                                                                                                                                        m actual
                                                                                                                                     a changed
                                                                                                                                        a actual
                                                                                                                                 a emit "change"
                                                                                                               b changed
                                                                                                                                     b changed
                                                                                                                                                                                                                              b.set(null);
b.set(null);
                                                                                                                                                                                                             Actual
                                                                                                Actual
                                                                                                                                         a dirty
then push
                                                                                    Z
                                                                                                                                                                                                Z
"hi"
                                                                                                                                                                                                              "hi"
                                                                                                                                     a schedule
but there is nowhere to push
                                                                                                                                   on nextTick:
                                                                                                                                                      Actual
                                         Actual
                                                                                                                                                                         Actual
since b is unobservable
                                                                                   "hi"
                                                                                                                                       a -dep m
                                           null
                                                             b ? m : c
                                                                                                                                                        null
                                                                                                                                                                        ▶ b ? m : c
                                                                                                                                          a pull
                                                          ——▶ "hi"
                                                                                   Dirty
                                                                                                                                                                                                Actual
                                                                                                                                          c pull
                                                   change
                                                                                    () => 1
                                                                                                                                        c actual
                                                                                                                                                                                                  () => 1
                                                                                                                                     c changed
                                                                                   undefined
                                                                                                                                       a +dep c
                                                                                                                                   m -reaction a
                                                                                                                                   m unobserved
                                                                                                                                                   accepting changes
                                                                                                                                    z -reaction m
                                                                                                                                   z unobserved
                                                                                                                                                 the observed tree of cells
                                                                                                                                       m -dep z
                                                                                                                                         m dirty
                                                                                                                                   c +reaction a
                                                                                                                                     a changed
                                                                                                                                 a emit "change"
                                                                                                               a -dep m
a.get();
                                                                                                                                                                                                                               a.offChange(fn);
                                                                                                                                   a unobserved
                                                                                                                                                                                             (m)Dirty
z
"hi"
                                                                                                                                                                                                            Actual
                                                                                                Actual
                                                                                                               a pull
actualize because a is Dirty
                                                                                                                                   b -reaction a
                                                                                                                                                                                                                               unsubscribe
                                                                                                                                                                                                             ("hi")
                                                                                    Z
                                                                                                               c pull
                                                                                                                                   b unobserved
                                                                                                               c actual
                                                                                                                                                      Actual
                                                                                                                                   c -reaction a
                                                                                                               c changed
                                                                                                                                                       null
                                                                                                                                                                          b ? m : c
                                                                                                                                   c unobserved
                                                                                                               a +dep c
                                                                                                                                         a dirty
                                                                                                                                                                                                Actual
                                                                                   Actual
                                                                                                               a changed
                                                                                                                                       a -dep b
                                                                                                                                                                                                 () => 1
                                                                                    () => 1
                                                                                                                                       a -dep c
                                                                                                                                                 cell tree deactivation
```

a = Cell(() => b.get() ? m.get() : c.get());

b changed

Actual