Example: Iron Mans closest enemy

```
> marvel_graph %>%
+   activate(edges) %>%
+   morph(to_subgraph, class == 'Ally') %>%
+   activate(nodes) %>%
+   mutate(friend_dist = bfs_dist(id == 'Iron_Man', mode = 'all')) %>%
+   unmorph() %>%
+   filter(id %in% Enemies[[which(id == 'Iron_Man')]]) %>%
+   arrange(friend_dist)
Subsetting by edges
# A tbl_graph: 25 nodes and 161 edges
#
# A bipartite multigraph with 2 components
#
# Node Data: 25 x 9 (active)
                   id           characters    type Affiliation    Family     Allies    Enemies Appearance friend_dist
                <chr>                <chr>   <chr>      <list>    <list>     <list>     <list>     <list>       <int>
1       Winter_Soldier       Winter Soldier    Both   <chr [3]> <chr [1]> <chr [17]> <chr [14]>  <chr [9]>           2
2                 Loki                 Loki    Both   <chr [2]> <chr [5]>  <chr [9]> <chr [23]> <chr [11]>           2
3              Ant-Man              Ant-Man    Hero   <chr [2]> <chr [1]>  <chr [6]>  <chr [9]>  <chr [6]>           2
4                 List                 List Villain   <chr [2]> <chr [1]>  <chr [9]> <chr [10]>  <chr [3]>           2
5                Stern                Stern Villain   <chr [2]> <chr [1]>  <chr [1]>  <chr [1]>  <chr [2]>           2
6 Leviathan_(Creature) Leviathan (Creature) Villain   <chr [1]> <chr [1]>  <chr [1]>  <chr [1]>  <chr [6]>           3
# ... with 19 more rows
#
# Edge Data: 161 x 4
   from    to weight       class
  <int> <int>  <dbl>       <chr>
1     1     1      3 Affiliation
2     1     4      1 Affiliation
3     1    17      1 Affiliation
# ... with 158 more rows
```

ggraph

- A complete adaption of relational data to ggplot2 - not just node-link diagrams

- Layouts — everything from igraph … and then some

- Dedicated geoms for nodes and edges

- New facetting, guides, themes…