

playing

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```
library('googledrive')
library('dplyr')
```

this is almost an exact copy of how `gs_auth()` works

```
gd_auth()
```

`gd_ls()` pulls out name, type, & id (we probably don't want to see id, but seems useful to have here, so we could pick which one we want to get more info on?)

```
gd_ls()
```

```
## # A tibble: 100 × 3
##               name      type
##             <chr>    <chr>
## 1 2017 Owen Olympics Sign-up spreadsheet
## 2      contributr-maintainer spreadsheet
## 3      contributr maintainer form      form
## 4 Space Apps 2017 - Social Media Information for All Sites spreadsheet
## 5 Graduate Education Working Group Nominations (Responses) spreadsheet
## 6      Vanderbilt Graduate Student Handbook (Responses) spreadsheet
## 7                               GSC Committees      form
## 8                               R-Ladies Global TEAMS  document
## 9      Exec Board Reponsibilities (Responses) spreadsheet
## 10                               Exec Board Reponsibilities      form
## # ... with 90 more rows, and 1 more variables: id <chr>
```

Note: now it seems we have to specify the fields (in v2 where I was working previously, it would automatically output everything, see this).

Now let's say I want to dive deeper into the top one

```
metadata_tbl <- gd_ls() %>%
  slice(1) %>%
  select(id) %>%
  gd_get()

metadata_tbl
```

```
## # A tibble: 7 × 8
##               name      type      owner
##             <chr>    <chr>    <chr>
## 1 2017 Owen Olympics Sign-up spreadsheet Courtney Williams
## 2 2017 Owen Olympics Sign-up spreadsheet Courtney Williams
## 3 2017 Owen Olympics Sign-up spreadsheet Courtney Williams
## 4 2017 Owen Olympics Sign-up spreadsheet Courtney Williams
## 5 2017 Owen Olympics Sign-up spreadsheet Courtney Williams
## 6 2017 Owen Olympics Sign-up spreadsheet Courtney Williams
## 7 2017 Owen Olympics Sign-up spreadsheet Courtney Williams
## # ... with 5 more variables: permission_who <chr>, permission_role <chr>,
## #   permission_type <chr>, modified <date>, object <list>
```

It looks a bit repetitive - right now I have a separate line for everyone permission

```
metadata_tbl %>%  
  select(name, permission_who, permission_role)
```

```
## # A tibble: 7 × 3  
##           name      permission_who permission_role  
##           <chr>          <chr>          <chr>  
## 1 2017 Owen Olympics Sign-up Courtney Williams      owner  
## 2 2017 Owen Olympics Sign-up  Richard Rosenow       writer  
## 3 2017 Owen Olympics Sign-up   Ryan W Gillis         writer  
## 4 2017 Owen Olympics Sign-up    John Wilson           writer  
## 5 2017 Owen Olympics Sign-up caroline guenther       writer  
## 6 2017 Owen Olympics Sign-up   Francis Huynh         writer  
## 7 2017 Owen Olympics Sign-up  anyoneWithLink        writer
```

In addition to the things I've pulled out, there is a `list-col` (now named `object`, this should change), that contains all output fields.

```
metadata_tbl %>%  
  select(object)
```

```
## # A tibble: 7 × 1  
##       object  
##       <list>  
## 1 <list [25]>  
## 2 <list [25]>  
## 3 <list [25]>  
## 4 <list [25]>  
## 5 <list [25]>  
## 6 <list [25]>  
## 7 <list [25]>
```