

R Notebook

```
library(petro.One)

my_url <- make_search_url(query = "BHP",
                          how = "all")

result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 5 x 2
##       name value
##   <chr> <dbl>
## 1 Chapter      17
## 2 Conference paper 6430
## 3 General       59
## 4 Journal paper 1372
## 5 Presentation   12
```

```
library(petro.One)

my_url <- make_search_url(query = "IPR",
                          how = "all")

result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 7 x 2
##       name value
##   <chr> <dbl>
## 1 Chapter      4
## 2 Conference paper 1581
## 3 General      22
## 4 Journal paper 195
## 5 Media        2
## 6 Other        2
## 7 Standard     3
```

```
library(petro.One)

my_url <- make_search_url(query = "VLP",
                          how = "all")

result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 3 x 2
##       name value
##   <chr> <dbl>
## 1 Conference paper 387
## 2 General         5
## 3 Journal paper   34
```

```
library(petro.One)

my_url <- make_search_url(query = "FGS",
                          how = "all")

result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 4 x 2
##       name value
##   <chr> <dbl>
## 1 Conference paper 179
## 2      General      2
## 3 Journal paper   30
## 4 Presentation    1
```

```
library(petro.One)

my_url <- make_search_url(query = "wellhead",
                          how = "all")

result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 7 x 2
##       name value
##   <chr> <dbl>
## 1 Chapter      28
## 2 Conference paper 15779
## 3      General   156
## 4 Journal paper 3294
## 5      Media     13
## 6 Presentation   69
## 7      Standard    9
```

```
library(petro.One)

my_url <- make_search_url(query = "bottomhole",
                          how = "all")

result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 8 x 2
##       name value
##   <chr> <dbl>
## 1 Chapter      27
## 2 Conference paper 11863
## 3      General   113
## 4 Journal paper 4372
## 5      Media      4
## 6      Other      3
## 7 Presentation   25
## 8      Standard    2
```

```
library(petro.One)

my_url <- make_search_url(query = "nodal analysis",
                          how = "all")

result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 5 x 2
##           name value
##       <chr> <dbl>
## 1 Conference paper 1425
## 2       General      4
## 3   Journal paper  185
## 4         Media     1
## 5   Presentation    5
```

```
library(petro.One)

my_url <- make_search_url(query = "BHFP",
                          how = "all")

result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 4 x 2
##           name value
##       <chr> <dbl>
## 1      Chapter      3
## 2 Conference paper  473
## 3       General      6
## 4   Journal paper  112
```

```
library(petro.One)

my_url <- make_search_url(query = "BHFP",
                          how = "all")

result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 4 x 2
##           name value
##       <chr> <dbl>
## 1      Chapter      3
## 2 Conference paper  473
## 3       General      6
## 4   Journal paper  112
```

```
library(petro.One)

my_url <- make_search_url(query = "PDG",
                          how = "all")

result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 4 x 2
##       name value
##   <chr> <dbl>
## 1 Conference paper 324
## 2       General      2
## 3 Journal paper  43
## 4 Presentation    5
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "heavy oil",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 8 x 2
##       name value
##   <chr> <dbl>
## 1 Chapter      9
## 2 Conference paper 11636
## 3       General    83
## 4 Journal paper  3239
## 5       Media     24
## 6       Other     80
## 7 Presentation    50
## 8 Standard       1
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "oil price",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 6 x 2
##       name value
##   <chr> <dbl>
## 1 Chapter      1
## 2 Conference paper 4152
## 3       General    59
## 4 Journal paper  1042
## 5       Media      3
## 6 Presentation    46
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "Prosper",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 3 x 2
```

```
##           name value
##           <chr> <dbl>
## 1 Conference paper  457
## 2           General    4
## 3    Journal paper  73
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "GAP",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 8 x 2
##           name value
##           <chr> <dbl>
## 1      Chapter    10
## 2 Conference paper 13581
## 3      General    84
## 4    Journal paper 1988
## 5         Media     4
## 6         Other     5
## 7 Presentation    64
## 8      Standard    12
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "Petroleum Experts",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 2 x 2
##           name value
##           <chr> <dbl>
## 1 Conference paper  276
## 2    Journal paper   29
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "inflow performance",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 6 x 2
##           name value
##           <chr> <dbl>
## 1      Chapter     3
## 2 Conference paper 2611
## 3      General    27
## 4    Journal paper 488
## 5         Other     2
```

```
## 6      Presentation      3
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "tubing performance",  
                           how = "all")
```

```
result <- read_onepetro(my_url)  
summary_by_doctype(result)
```

```
## # A tibble: 4 x 2  
##           name value  
##       <chr> <dbl>  
## 1 Conference paper  271  
## 2       General      3  
## 3   Journal paper   60  
## 4   Presentation    1
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "digital",  
                           how = "all")
```

```
result <- read_onepetro(my_url)  
summary_by_doctype(result)
```

```
## # A tibble: 8 x 2  
##           name value  
##       <chr> <dbl>  
## 1      Chapter    14  
## 2 Conference paper 13858  
## 3       General   140  
## 4   Journal paper 2332  
## 5         Media    11  
## 6         Other     6  
## 7   Presentation   36  
## 8       Standard   19
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "digital oilfield",  
                           how = "all")
```

```
result <- read_onepetro(my_url)  
summary_by_doctype(result)
```

```
## # A tibble: 5 x 2  
##           name value  
##       <chr> <dbl>  
## 1 Conference paper  453  
## 2       General      4  
## 3   Journal paper   63  
## 4         Media      2  
## 5   Presentation   11
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "field of the future",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 2 x 2
##           name value
##           <chr> <dbl>
## 1 Conference paper    210
## 2   Journal paper     44
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "intelligent field",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 4 x 2
##           name value
##           <chr> <dbl>
## 1 Conference paper    626
## 2       General        1
## 3   Journal paper     52
## 4         Media        1
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "subsurface",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 8 x 2
##           name value
##           <chr> <dbl>
## 1      Chapter     38
## 2 Conference paper 24035
## 3       General    157
## 4   Journal paper 3486
## 5         Media     10
## 6         Other     37
## 7 Presentation     81
## 8      Standard     15
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "downhole",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 8 x 2
##       name value
##   <chr> <dbl>
## 1 Chapter    24
## 2 Conference paper 27267
## 3 General    191
## 4 Journal paper 5456
## 5 Media      31
## 6 Other      45
## 7 Presentation 155
## 8 Standard   12
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "integrated operations",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 5 x 2
##       name value
##   <chr> <dbl>
## 1 Conference paper 485
## 2 General         5
## 3 Journal paper   77
## 4 Media           3
## 5 Presentation    6
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "production engineering",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 7 x 2
##       name value
##   <chr> <dbl>
## 1 Chapter    2
## 2 Conference paper 2642
## 3 General    31
## 4 Journal paper 1298
## 5 Media       1
## 6 Presentation 11
## 7 Standard    1
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "production technology",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```



```
## # A tibble: 6 x 2
##       name value
##   <chr> <dbl>
## 1 Chapter      1
## 2 Conference paper 3093
## 3 General       24
## 4 Journal paper  642
## 5 Other        14
## 6 Presentation  12
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "production optimization",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 6 x 2
##       name value
##   <chr> <dbl>
## 1 Conference paper 3026
## 2 General         7
## 3 Journal paper  656
## 4 Media          12
## 5 Other          14
## 6 Presentation  15
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "well network",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 4 x 2
##       name value
##   <chr> <dbl>
## 1 Chapter      4
## 2 Conference paper 171
## 3 General       4
## 4 Journal paper  19
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "PVT correlation",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 3 x 2
##       name value
##   <chr> <dbl>
## 1 Conference paper 122
```

```
## 2      General      2
## 3   Journal paper   28
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "gas compressibility",
                           how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 4 x 2
##       name value
##   <chr> <dbl>
## 1   Chapter     12
## 2 Conference paper 1493
## 3     General     53
## 4 Journal paper  524
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "z factor",
                           how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 5 x 2
##       name value
##   <chr> <dbl>
## 1   Chapter     5
## 2 Conference paper 825
## 3     General     22
## 4 Journal paper  243
## 5 Presentation     2
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "equation of state",
                           how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 7 x 2
##       name value
##   <chr> <dbl>
## 1   Chapter    10
## 2 Conference paper 5686
## 3     General     81
## 4 Journal paper 1514
## 5      Media      9
## 6      Other      1
## 7 Presentation   42
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "gas lift",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 7 x 2
##           name value
##       <chr> <dbl>
## 1      Chapter     11
## 2 Conference paper 5510
## 3      General     43
## 4 Journal paper 1201
## 5        Media     11
## 6 Presentation     17
## 7      Standard      3
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "choke control",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 3 x 2
##           name value
##       <chr> <dbl>
## 1      Chapter      1
## 2 Conference paper  228
## 3 Journal paper    37
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "reservoir simulation",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 8 x 2
##           name value
##       <chr> <dbl>
## 1      Chapter     10
## 2 Conference paper 16926
## 3      General     144
## 4 Journal paper  4419
## 5        Media      33
## 6        Other      11
## 7 Presentation     64
## 8      Standard      2
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "reservoir model",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 8 x 2
##       name value
##       <chr> <dbl>
## 1 Chapter      3
## 2 Conference paper 9958
## 3 General       81
## 4 Journal paper 2105
## 5 Media         6
## 6 Other         9
## 7 Presentation  40
## 8 Standard      1
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "well model",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 5 x 2
##       name value
##       <chr> <dbl>
## 1 Conference paper 2457
## 2 General       14
## 3 Journal paper  484
## 4 Other         1
## 5 Presentation  1
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "industrial drilling",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 2 x 2
##       name value
##       <chr> <dbl>
## 1 Conference paper 9
## 2 Journal paper  5
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "deepwater drilling",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 6 x 2
```

```
##           name value
##           <chr> <dbl>
## 1      Chapter      1
## 2 Conference paper 1755
## 3      General       4
## 4   Journal paper  342
## 5        Media       1
## 6   Presentation   34
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "blowout",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 7 x 2
##           name value
##           <chr> <dbl>
## 1      Chapter    12
## 2 Conference paper 3397
## 3      General     26
## 4   Journal paper 1078
## 5        Media      3
## 6   Presentation   37
## 7      Standard     3
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "completion costs",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 6 x 2
##           name value
##           <chr> <dbl>
## 1      Chapter      2
## 2 Conference paper 1324
## 3      General     10
## 4   Journal paper  258
## 5        Media       1
## 6   Presentation    7
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "monte carlo",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 7 x 2
##           name value
```

```
##           <chr> <dbl>
## 1 Conference paper 4613
## 2           General   37
## 3   Journal paper  812
## 4           Media    1
## 5           Other    1
## 6   Presentation   20
## 7           Standard  2
```

```
library(petro.One)
```

```
my_url <- make_search_url(query = "montecarlo",
                          how = "all")
```

```
result <- read_onepetro(my_url)
summary_by_doctype(result)
```

```
## # A tibble: 3 x 2
##           name value
##           <chr> <dbl>
## 1 Conference paper  125
## 2           General    2
## 3   Journal paper   10
```