```
cudf::data_type
    _id
     _fixed_point_scale
  + data_type()
  + ~data_type()
  + data_type()
  + data type()
  + operator=()
  + operator=()
  + data_type()
  + data_type()
  + id()
  + scale()
             #_type
   cudf::detail::column
        _view_base
 # size
 # _data
   _null_mask
 #
 #
   null count
 # _offset
 + head()
 + data()
 + begin()
 + end()
 + size()
 + is_empty()
 + type()
 + nullable()
 + null_count()
 + null_count()
 + has nulls()
 + has_nulls()
 + null_mask()
 + offset()
 # column_view_base()
 # ~column_view_base()
 # column_view_base()
 # column_view_base()
 # operator=()
 # operator=()
 # column_view_base()
   cudf::column_view
   _children
 + column_view()
 + ~column_view()
 + column_view()
 + column_view()
 + operator=()
 + operator=()
 + column_view()
 + child()
 + num_children()
 + child_begin()
 + child_end()
 + column_view()
 + operator device span
   < T const >()
            Δ
cudf::strings_column_view
+ offsets_column_index
+ chars_column_index
+ strings_column_view()
+ strings_column_view()
+ strings_column_view()
+ ~strings_column_view()
+ operator=()
+ operator=()
+ parent()
+ offsets()
+ offsets_begin()
+ offsets_end()
+ chars()
+ chars_size()
+ chars_begin()
+ chars_end()
```