```
var::matrix< D >
- data
 _row
  col
+ matrix()
+ matrix()
+ matrix()
+ resize()
+ row()
+ col()
+ size()
+ get_row()
+ get_col()
+ push_row()
+ push_col()
+ insert_row()
+ insert_col()
+ pop_row()
+ pop_col()
+ erase_row()
+ erase col()
+ sort_rows()
+ sort cols()
+ sort_row()
+ sort_col()
+ row_op()
+ col_op()
+ turn_to()
+ sum()
+ tr()
+ T()
+ det()
+ cofactor()
+ adj()
+ inv()
+ rref()
+ is_square()
+ is_identity()
+ operator[]()
+ operator+()
+ operator+()
+ operator-()
+ operator-()
+ operator-()
+ operator*()
+ operator*(
+ operator/(
+ operator/()
+ operator%()
+ operator==()
+ operator<()
+ operator>()
+ operator<=()</p>
+ operator>=()
 operator!=()
# check_col()
# check_row()
# TT()
# check_size()
# M()
# DET()
# square()
```