vm_t

+width: int
+height: int
+nnz: int

+mm_load(matrix:vm_t *,filename:string)
+mm_save(matrix:vm_t *,filename:string)
+print(matrix:vm_t *)
+compare(matrix_a:vm_t *,matrix_b:vm_t *): bool
+distance(matrix_a:vm_t *,matrix_b:vm_t *): int
+convert(matrix:vm_t *,type:virtual_matrix_type)
+mul(mtx_a:vm_t,mtx_b:vm_t *,mtx_c:vm_t *): time
+storage_size(matrix:vm_t *): size_t

coo_t

+width: int
+height: int
+nnz: int

+mm_load(matrix:vm_t *,filename:string)
+mul(mtx_a:vm_t,mtx_b:vm_t *,mtx_c:vm_t *): time
+storage_size(matrix:vm_t *): size_t

csr_t

+width: int
+height: int
+nnz: int

+mm_load(matrix:vm_t *,filename:string)
+mul(mtx_a:vm_t,mtx_b:vm_t *,mtx_c:vm_t *): time
+storage_size(matrix:vm_t *): size_t

kat_t

+width: int
+height: int
+nnz: int

+mm_load(matrix:vm_t *,filename:string)
+mul(mtx_a:vm_t,mtx_b:vm_t *,mtx_c:vm_t *): time
+storage_size(matrix:vm_t *): size_t

bsr_t

+width: int
+height: int
+nnz: int

+mm_load(matrix:vm_t *,filename:string)
+mul(mtx_a:vm_t,mtx_b:vm_t *,mtx_c:vm_t *): time
+storage_size(matrix:vm_t *): size_t

den_t

+width: int
+height: int
+nnz: int

+mm_load(matrix:vm_t *,filename:string)
+mm_save(matrix:vm_t *,filename:string)
+print(matrix:vm_t *)
+compare(matrix_a:vm_t *,matrix_b:vm_t *): bool
+distance(matrix_a:vm_t *,matrix_b:vm_t *): int
+convert(matrix:vm_t *,type:virtual_matrix_type)
+mul(mtx_a:vm_t,mtx_b:vm_t *,mtx_c:vm_t *): time

vec_t

+width: int
+height: int
+nnz: int

+mm_load(matrix:vm_t *,filename:string)
+mm_save(matrix:vm_t *,filename:string)
+print(matrix:vm_t *)
+compare(matrix_a:vm_t *,matrix_b:vm_t *): bool
+distance(matrix_a:vm_t *,matrix_b:vm_t *): int