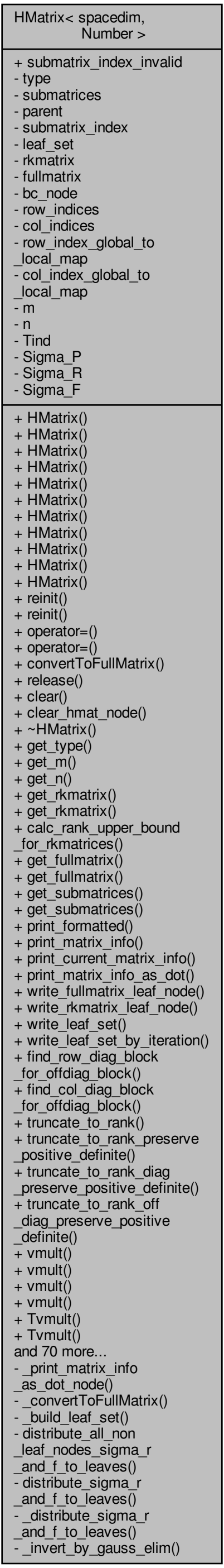
HMatrix< spacedim,
Number >
+ submatrix_index_invalid
- type
- submatrices
- parent
- submatrix_index
- leaf_set
- rkmatrix
- fullmatrix
- bc_node
- row_indices
- col_indices
- row_index_global_to
_local_map
- col_index_global_to
_local_map
- m
- n
- Tind
- Sigma_P
- Sigma_R
- Sigma_F
+ HMatrix()
+ HMatrix()
+ HMatrix()
+ HMatrix()
+ HMatrix()
+ HMatrix()
+ HMatrix()
+ HMatrix()
+ HMatrix()
+ HMatrix()
+ HMatrix()
+ reinit()
+ reinit()
+ operator=()
+ operator=()
+ convertToFullMatrix()
+ release()
+ clear()
+ clear_hmat_node()
+ ~HMatrix()
+ get_type()
+ get_m()
+ get_n()
+ get_rkmatrix()
+ get_rkmatrix()
+ calc_rank_upper_bound
_for_rkmatrices()
+ get_fullmatrix()
+ get_fullmatrix()
+ get_submatrices()
+ get_submatrices()
+ print_formatted()
+ print_matrix_info()
+ print_current_matrix_info()
+ print_matrix_info_as_dot()
+ write_fullmatrix_leaf_node()
+ write_rkmatrix_leaf_node()
+ write_leaf_set()
+ write_leaf_set_by_iteration()
+ find_row_diag_block
_for_offdiag_block()
+ find_col_diag_block
_for_offdiag_block()
+ truncate_to_rank()
+ truncate_to_rank_preserve
_positive_definite()
+ truncate_to_rank_diag
_preserve_positive_definite()
+ truncate_to_rank_off
_diag_preserve_positive
_definite()
+ vmult()
+ vmult()
+ vmult()
+ vmult()
+ Tvmult()
+ Tvmult()
and 70 more...
- _print_matrix_info
_as_dot_node()
- _convertToFullMatrix()
- _build_leaf_set()
- distribute_all_non
_leaf_nodes_sigma_r
_and_f_to_leaves()
- distribute_sigma_r
_and_f_to_leaves()
- _distribute_sigma_r
_and_f_to_leaves()
- _invert_by_gauss_elim()