```
OCMATRIX APIs
 typedef struct {
                             QErrorCode QcMatWrite(QcMat* A.
   QInt dim_block;
                                                   const QChar *mat_label,
   RealMat **blocks:
                                                   const QViewOption view_option)
  QcMat;
                                       QCMATRIX Fortran Adapter (C part)
                            QErrorCode RealMatWrite(RealMat *A,
                                                    const QChar *mat_label,
typedef struct {
                                                    const QViewOption view_option)
  QVoid *f03_mat;
  QBool external_mat;
                              Mat_Ptr_Write(&A->f03_mat, ...);
} RealMat:
                                                        c_f_pointer()
                                     QCMATRIX Fortran Adapter (Fortran part)
                        subroutine Mat_Ptr_Write(A, ...) bind(C, name="Mat_Ptr_Write")
                          use iso_c_binding
  type(C_PTR) :: A
                          type(C_PTR), intent(in) :: A
                          type(LANG_F_MATRIX), pointer :: A_ext
                          call c_f_pointer(A, A_ext)
                          call Matrix_Write(A_ext, ...)
                        end subroutine Mat_Ptr_Write
```