

How do you create a dataset with a 16-bit datatype in F90?

What you have to do is use the Fortran INTEGER type in memory and use `h5t.set_size_f` on `H5T_INTEGER_NATIVE` (or another INTEGER type) to set the size to 2 bytes. The library will store 16-bit integers instead of 32-bits.

Currently the F90 APIs do not support `INTEGER*2` in memory.

See the example, [h516bit.f90](#).