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The *SPECS-EUPORIAS Data Portal* can be remotely accessed from R via the [?loadSystem4.R](#) function. Note that this function is part of a more comprehensive R package currently under development. This function automatically cares about the proper location of the right indices for data sub-setting across the different variable dimensions, given a few simple arguments for subset definition. In addition, instead of retrieving a NetCDF file that needs to be opened and read, the requested data is directly loaded into the current R working session, according to a particular structure described below, prior to data analysis and/or representation.

In order to describe the input arguments and output data structure returned by `loadSystem4`, an example is illustrated in the [?next example](#)