

## Section 1 / Using Structs

This topic has already been covered indirectly by examples provided in:

- alignment
- and defining

To summarize using **structs**:

- All **structs** have a base address
- The base address corresponds to the beginning of the first data member
- All subsequent data members are offsets relative to the first
- In order to use a **struct** correctly, you must have first calculated the offsets of each data member
- Sometimes there will be padding between data members due to the need to align all data members on natural boundaries.