

1. Empty structures are not supported, then the codegen will take it as double and lose the fields of struct
2. Function handles are not supported
3. subscripting into an empty matrix is not supported
4. For the case that a field of structure is also a structure, it does not support
5. For all the cases, such as `sim.bodies(i).Fext(1:3)`, `sim.contacts(i).PSI`, code generator doesn't work
6. New fields cannot be added when structure has been read or used.
7. The generated code contains strange data type like `real_T`, `int_T`, which are typedef types to compile on different machines that have different floating point properties.