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| Rebeca | Explanation | Assembly | Example |
| Global Variable | global variables are often placed in the .data or .bss sections depending on whether they are initialized or uninitialized. | * Place the variable in the .data section. * Use the appropriate directive (e.g., DS8 for 32-bit integers, etc.). | SECTION `.bss`:DATA:REORDER:NOROOT(2)  DATA  My\_var\_name:  DS8 64 |
| Local Variable |  |  |  |
| Function |  |  |  |
| Function Call |  |  |  |
| Reactive Class | Each reactive class will be mapped to separate ARM processor(the "real" actor that corresponds to rebeca actor) | Separate \*.s file (assembly file) |  |
| Massage Server | Each massage server will be mapped to separate function | A function with the same name as corresponding massage server |  |
| Arithmetic (+, -, / ,etc) |  | Corresponding assembly instructions (add, sub, … etc) |  |
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