```
Artifact_GALTOSM
        |
        |---GALTOSM_tool
        |       |
        |       |
        |       |---source_code (YOU ARE HERE)
        |       |       |
        |       |       |---logic_translator_tool
        |       |       |           |-python code to convert logics
        |       |       |
        |       |       |---model_translator_tool
        |       |       |           |
        |       |       |           |---adtmc_to_sdtmc-dev
        |       |       |           |           |
        |       |       |           |           |---C++ files
        |       |       |           |           |
        |       |       |           |           |---build
        |       |       |           |               |---ADTMC_TO_SDTMC(the executable file)
        |       |       |           |
        |       |       |           |---adtmc-mcrl2_to_sdtmc-prism
        |       |       |           |           |---python code for mcrl2(.aut) to .prism
        |       |       |           |
        |       |       |           |---sdtmc_to_adtmc
        |       |       |                       |
        |       |       |                       |----python code for sdtmc(.tra .lab .sta) to .mcrl2
        |       |       |                       |---python code for sdtmc(.tra .lab .sta) to .aut(CADP)
        |       |
        |       |---test_cases
        |               |
        |               |
        |               |---adtmc_to_sdtmc
        |               |       |---contains .aut(CADP format) files
        |               |
        |               |
        |               |---sdtmc_to_adtmc
        |               |       |---contains (.tra .lab .sta)PRISM format files
        |               |
        |               |---adtmc-mcrl2_to_sdtmc-prism
        |               |       |---contains .aut(mcrl2 format) files
        |               |
        |               |---example_logics
        |                       |---contains logics of all 6 types
        |
        |
        |---case_studies
                |
                |---CADP_case_studies
                |       |
                |       |--------dice
                |       |       |
                |       |       |---contains .lnt (CADP models)
                |       |       |---APCTL logic
                |       |       |---contains .mcl (MCL logic for CADP model checking)
                |       |
                |       |---ant_on_a_grid
                |       |       |
                |       |       |---contains .lnt (CADP models)
                |       |       |---APCTL logic (including REWARD logics)
                |       |       |---contains .mcl (MCL logic for CADP model checking)
                |       |
                |       |---lost_boarding_pass
                |       |       |
                |       |       |---contains .lnt (CADP models)
                |       |       |---APCTL logic
                |       |       |---contains .mcl (MCL logic for CADP model checking)
                |       |
                |       |---bounded_retransmission_protocol
                |       |       |
                |       |       |---contains .lnt (CADP models)
                |       |       |---APCTL logic
                |       |       |---contains .mcl (MCL logic for CADP model checking)
                |       |
                |       |---gambling_problem
                |       |       |
                |       |       |---contains .lnt (CADP models)
                |       |       |---APCTL logic (including REWARD logics)
                |       |       |---contains .mcl (MCL logic for CADP model checking)
                |       |
                |       |
                |---reward_based_SDTMC
                        |
                        |
                        |--------dice
                        |       |--- .lab .tra .srew (STORM format) APRCTL formula
                        |
                        |---ant_on_a_grid
                        |       |--- .lab .tra .srew (STORM format) APRCTL formula
                        |
                        |---gambling_problem
                                |--- .lab .tra .srew (STORM format) APRCTL formula
```