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\* matiec - a compiler for the programming languages defined in IEC 61131-3

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\* This code is made available on the understanding that it will not be

\* used in safety-critical situations without a full and competent review.

\*)

(\* This is the library containing the standard function blocks defined in the standard. \*)

(\* FINAL DRAFT - IEC 61131-3, 2nd Ed. (2001-12-10) \*)

{disable code generation}

(\* The standard function blocks \*)

{#include "edge\_detection.txt" }

{#include "bistable.txt" }

{#include "counter.txt" }

{#include "timer.txt" }

{#include "derivative\_st.txt" }

{#include "hysteresis\_st.txt" }

{#include "integral\_st.txt" }

{#include "pid\_st.txt" }

{#include "ramp\_st.txt" }

{#include "rtc.txt" }

(\* Not in the standard, but useful nonetheless. \*)

{#include "sema.txt" }

{enable code generation}