

VMS Datetime

PASCAL	C++
<pre> MODULE QA_Vms_date(INPUT, OUTPUT); Type MHS_string = packed array [1..255] of char; (* %start_doc *) [GLOBAL] FUNCTION Vms_date (con_date : packed array [1..h:integer] of char := ' ') : MHS_string; (* %stop_doc *) VAR i : integer; da, mo, ye : PACKED ARRAY[1..2] OF CHAR; mon : PACKED ARRAY[1..3] OF CHAR; tdate : packed array [1..11] of char; BEGIN IF con_date[2] = ' ' THEN BEGIN DATE(tdate); con_date := tdate; END; da := SUBSTR(con_date,1,2); IF SUBSTR(da,1,1) = ' ' THEN da := '0' + SUBSTR(da,2,1); ye := SUBSTR(con_date,10,2); mon := SUBSTR(con_date,4,3); IF mon = 'JAN' THEN mo := '01'; IF mon = 'FEB' THEN mo := '02'; IF mon = 'MAR' THEN mo := '03'; IF mon = 'APR' THEN mo := '04'; IF mon = 'MAY' THEN mo := '05'; IF mon = 'JUN' THEN mo := '06'; IF mon = 'JUL' THEN mo := '07'; IF mon = 'AUG' THEN mo := '08'; IF mon = 'SEP' THEN mo := '09'; IF mon = 'OCT' THEN mo := '10'; IF mon = 'NOV' THEN mo := '11'; IF mon = 'DEC' THEN mo := '12'; vms_date := ye + mo + da; END; END. </pre>	<pre> ** @file **/ // // Sector7 USA Inc, VMS PASCAL to C++, Version 7.2 // Build: 8.000 2017/09/16 23:06:29 (GMT) // VX/RT (c) 1985-2017 Sector7 USA LLC. // Translated: 2018-07-05 08:23:13 CDT // Input File: QA_VmsDate.pas // Output File: QA_VmsDate.cxx // #include "VxPascal.hxx" AlignPacked(MHS_string) typedef _FixedString<1,255> MHS_string ; RestoreAlign //! @ingroup QA_VMS_DATE // %%start_doc MHS_string Vms_date(/* PR */ _String con_date) { // %%stop_doc _FixedString<1,2> da; _FixedString<1,2> mo; _FixedString<1,2> ye; _FixedString<1,3> mon; _FixedString<1,11> tdate; MHS_string _Vms_date_retv ; int32_t i ; if (isspace(con_date[2])) { Date(tdate); con_date = tdate; } da = Substr(con_date, 1, 2); if (Substr(da, 1, 1) == "THEN") { da = "0" + Substr(da, 2, 1); } ye = Substr(con_date, 10, 2); mon = Substr(con_date, 4, 3); if (mon == "JAN") { mo = "01"; } if (mon == "FEB") { mo = "02"; } if (mon == "MAR") { mo = "03"; } if (mon == "APR") { mo = "04"; } if (mon == "MAY") { mo = "05"; } if (mon == "JUN") { mo = "06"; } </pre>

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    }
    if (mon == "JUL") {
        mo = "07";
    }
    if (mon == "AUG") {
        mo = "08";
    }
    if (mon == "SEP") {
        mo = "09";
    }
    if (mon == "OCT") {
        mo = "10";
    }
    if (mon == "NOV") {
        mo = "11";
    }
    if (mon == "DEC") {
        mo = "12";
    }
    _Vms_date_retv = ye + mo + da;
    return _Vms_date_retv;
}

/* MODULE SELF CHECK END */

class QA_Vms_dateToDo : public ToDo {
public:
    QA_Vms_dateToDo() :
ToDo("QA_Vms_date") { OnBegin(); };
    ~QA_Vms_dateToDo() { OnEnd(); };
    void OnBegin();
    void OnEnd();
};
static QA_Vms_dateToDo todo;
void QA_Vms_dateToDo::OnBegin() {
}
void QA_Vms_dateToDo::OnEnd() {
}

// End.

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