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/*****
/* PROD PROGRAM:   ./LocFMT.sas
/* WORK PROGRAM:   ./LocFMT.sas
/*
/* PURPOSE:        Provide the format name and the macro will find where the
/*                  format is defined and SAS will print out the library and the path
/*                  to the specific format catalog
/*
/* SOURCE PRGM:     none
/* INPUT:           NA
/* OUTPUT:          NA
/* MACROS USED:     none
/* EXEMPTIONS:      none
/*
/* AUTHOR:          Jeffrey Lavenberg
/* CREATION DATE:   12/03/2015
/*
/* NOTES:           If needed, the fmtsearch option can be updated and the %LocFMT
/*                  macro can be run again
/* MODIFICATIONS:   none
*****/

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%macro LocFMT(__fmtname__);
  /* Remove the period from the format name, if applicable */
  %let __fmtname_clean__=%sysfunc(compress(&__fmtname__, '.'));

  /* Create a new dataset with information from the formats dictionary table joined with the library dictionary table */
  proc sql;
    create table __LocFMT__ as
    select distinct a.fmtname label="Format Name", a.libname label="Library Name", b.path label="Path Name"
    from dictionary.formats a join dictionary.libnames b on a.libname=b.libname
    where fmtname=upcase("&__fmtname_clean__")
    ;
  quit;

  /* If the PROC SQL code came up empty, display warning */
  %if &sqllobs=0 %then %put WARNING: Unable to locate the format: &__fmtname__;
  %else %do;
    /* Print findings */
    title1 "Output from LocFMT macro";
    proc print data=__LocFMT__ noobs label;
    run;
  %end;

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        /* Clean up title statement and remove temporary dataset */
        title1;
        proc datasets nolist;
            delete __LocFMT__;
        run;
    %end;

%mend LocFMT;

/* Example calls */
%LocFMT(yesno.);
%LocFMT($TestCode.);
```