

命令模式

WRITE (Macros | Library) filespec [/NAME: pattern] [/Append] [/CODE] [/QUIET]

Writes macro command definitions to the specified file.

把定义的宏命令写入到指定的文件

WRITE (Variables) filespec [/NAME: pat] [/Append] [/NORANge] [/CODE] [/QUIET]

Writes variable declarations and their current values to a file.

把定义的变量及当前赋予的数值写入到指定的文件

WRITE (CRtpt) filespec [/Append] [/CODE] [/QUIET]

Writes critical point definitions to a file.

把定义的关键点存写入指定的文件

WRITE (LIMITS) filespec [/APPEND]

Writes limit definitions to a file.

将衡准限制定义写入文件

WRITE (HMMT) filespec [/APPEND]

Writes heeling and trimming moment functions to a file.

将横倾和纵倾力矩函数写入文件。

WRITE (Save) filespec [/BRief] [/NOVAR] [/NOREPort] [/CODE] [/QUIET]

Writes a Save File that can be run later to restore the program to its current state (see the SAVE command).

生成保存当前程序运行的状态文件，此文件可用于以后恢复到当前状态。(查看 SAVE 命令)

WRITE [(All)] filespec [/BRief] [/NOVAR] [/NOREPort] [/CODE] [/QUIET]

Writes a Save File including all macros (this default combines SAVE and MACROS).

生成包含所有的宏命令的文件。(默认将 SAVE 和 MACROS 命令合并)

WRITE (Loads [Thrusters] [Pulls]) filespec [/Brief | /param]

Appends only loading-related data commands to a file, with optional thrust and pull forces.

将与装载工况有关的数据命令储存到指定的文件，具有可选的推力和拉力。

WRITE (Fixed) filespec [/NAME: pattern] [/APPEND] [/BRIEF] [/CODE] [/QUIET]

Writes only fixed weight data from ADD commands to a file.

将通过 ADD 命令所增加的固体重量储存到指定的文件。

WRITE (Tanks) filespec [/APPEND] [/BRIEF] [/CODE] [/QUIET]

[/ONLY: [LOAD] [CONT] [TYPE] [FSM] [REF] [CHANGE] [PERM]]

Writes only the indicated tank data to a file.

把指定的舱室信息储存到指定的文件。

WRITE (Config) filespec [/CODE] [/QUIET]

Writes a special file suitable for GLM configurations.

生成适用于 GLM 配置所需文件。

WRITE (MAXvcg) filespec [/CODE] [/QUIET]

Writes only the max VCG data to a file.

将最大许用 VCG 数据写入到指定的文件。

WRITE (COMmands) filespec

Writes the most recent commands entered at the command line.

将最近输入到命令行的命令写入指定文件。

WRITE (LINEs) filespec ["]text]

Appends one or more lines of text to a file.

将文字加到文件中。

参数说明

filespec

The output file name; may include drive and path specification.

生成文件的名称，可能包含盘符和路径。

/NAME: pattern

Restricts writing to only items with names matching pattern, which may include wildcard (* and ?) characters. If omitted, all items are written.

只将名称和样式相符的项目写入到指定的文件，样式中可以包含通配符* 和 ?。如果缺省，所有的项目都将被写入到文件。

/APPEND

Appends macros, variables, or critical points to the end of an existing file.

将宏命令，变量，或关键点写入到已存在文件的尾部。

/CODE

Writes in a coded format that is supported by the RUN command.

以加密格式写入文件，运行命令（RUN）支持此加密格式。

/QUIET

Suppresses writing any commands (such as CLS and STATUS) that affect screen output.

阻止写入任何影响屏幕显示输出的命令（例如 CLS 和 STATUS）

/NORANGE

Omits writing any variable minimum and maximum range values.

省略写入任何可变最小和最大范围值。

/BRIEF

Omits writing some commands (such as READ and TITLE) that are unnecessary if the Geometry File is already loaded.

如果模型文件已经加载到软件，忽略写入任何不必要的命令（例如 READ 和 TITLE）。

/NOVAR

Omits writing variables.

忽略写入变量

/NOREPORT

Omits writing any final STATUS and REPORT commands.

忽略写入任何输出最终状态命令，例如 STATUS 和 REPORT

/param

Specifies a parameter to appear in the CASE macro call after the LOADS information.

指定一个宏命令 CASE 的参数，当载入装载工况后，将会调用宏命令.CASE “param”。

/ONLY: [LOAD] [CONT] [TYPE] [FSM] [REF] [CHANGE] [PERM]

Includes only the indicated information for each tank. The default is all TANKS data.

只包含指定的舱室信息，默认为包含所有的舱室信息。

["]text

The line of text to append. Case is preserved if a quote mark precedes text, otherwise the line is capitalized. If text is empty, then consecutive NOTE lines (beginning with a back slash) immediately following the WRITE (LINES) command are appended preserving case.

被添加的文字。如果文字前不包含引号"，则文字将转换为大写。如果没有文字，命令 WRITE (LINES) 下边可跟着连续的几行注释文字（以反斜线开头）。这些文字将被附加到文件中。

Operation

操作

With the MACROS or LIBRARY parameter (they are synonymous) a file is created or added to which contains MACRO commands with the definitions of all macros present, or only matching macros if /NAME:pattern is present (note that wildcard characters can be used to specify a collection of macros). This file can later be used as a Run File to restore the macros. For example, it may be specified with the /L parameter when the program is later executed.

使用参数 MACROS 或 LIBRARY（作用相同），将可以生成包含所有宏命令的定义的文件，或者生成包含名称与/NAME:pattern 格式匹配的宏命令（可以利用通配符去指定一组宏命令）的文件。此文件，可以作为运行文件来运行。例如：当运行时，可指定添加参数/L。

With the SAVE parameter, a file is created which contains various commands necessary to restore the program and the vessel to the present state. This file can also be used later as a Run File. For example, it may be specified with the /S parameter at program execution.

使用 SAVE 参数, 可以生成包含各种必要命令的文件, 以储存程序和船舶的当前状态。这个文件也可以将来被用作运行文件。例如: 在运行时, 可以指定添加参数/S。

A somewhat briefer file is created when the /BRIEF parameter is present, omitting commands such as READ and TITLE, since the brief form assumes that the Geometry File has already been read. Variable definitions can be omitted as well using the /NOVAR parameter.

使用参数/BRIEF, 可以生产相对简要的文件。此文件将忽略 READ 和 TITLE 命令, 因此模式假定模型文件已被读入。引用参数/NOVAR, 可以忽略所有变量的定义。

With the LOADS parameter, only loading-related data are written. This includes commands for setting tank conditions as well as fixed weights. Unlike the other modes, a new file is created only if a file of the given name does not exist. Otherwise, the information is appended to the end of the existing file. After all the loading information is written, a call to a CASE macro is also written on the file. Thus the resulting file can be used directly as a Run File to recreate the load condition(s) and execute an analysis of each one. If a slash parameter is included, it introduces an item to be put as an actual parameter in the CASE macro call.

使用 LOADS 参数时, 将只写入和装载有关的数据。这里包含设定舱室状态和固体重量的命令。和其他方式不同, 只有当所给文件名不存在的时候, 才会生成新的文件。否则, 信息将会被附加在已存在的文件结尾处。当所有装载信息写入文件后, 一个调用宏命令的信息也会被写入文件, 调用的宏命令名称为 CASE。这样使得文件可以像运行文件一样, 重新调用装载并分析各个工况。如果在此包含一个斜线参数, 它将被引入作为宏命令 CASE 的真实参数。

With the FIXED parameter, only the fixed weight data will be written along with the TITLE, SUBTITLE and UNITS commands. Light Ship and any weight item whose description begins with an asterisk are not included in the file. Interaction weights are excluded unless specified by /NAME:" Interaction @ n " for critical point n. If filespec exists, it will be replaced by a new file of the same name. This form can be used to save individual weight items before combining them using the ADD "item description" * command. This file can later be used as a Run File so that the weight items can be recalled, changed and combined again.

使用参数 FIXED 时, 只有固体重量的信息和命令 TITLE, SUBTITLE, UNITS 被写入。空船重量和任何描述以*号开头的重量信息都不会被包含进来。互动重量将不会被包含进来, 除非特别指明 /NAME:"Interaction @ n", 则关键点 n 的互动重量将被加入。如果文件名称已经存在, 则它将会被新的文件替代。此形式可以用来保存使用 ADD "item description" *命令合并重量前的独立重量。此文件可以用来作为运行文件, 则重量信息就可以被重新载入, 修改和合并。

Output

输出

The requested information is formatted to a file so that it can later be used as a Run File.

把所需的数据信息保存到文件, 此文件以后可用作运行文件

Examples

样例

Saving all the macros on to a file named "MACLIB":

把所有的宏命令保存到文件 MACLIB

```
WRITE(MACROS) MACLIB.LF
```

Writing a file which can later be quietly used to return to the present point:

生成储存当前状态的文件，可用于快速回到当前工况

```
WRITE(SAVE) CHECK1.SAV /QUIET
```

Writing a file to restore the present point including all macros:

生成储存当前状态的文件，并包含所有宏命令

```
WRITE RESTORE.SAV
```

Appending the current loading data to a file:

把当前的装载信息附加到指定文件

```
WRITE(LOADS) JOB123.RF /"Departure Condition"
```

Writing all weight items to a file in coded format:

以加密格式将所有重量信息写入文件

```
WRITE(FIXED) HOLD1.RF /CODE
```

Writing definitions and values for all variables beginning with "X" or "Y":

将所有以“X”或“Y”开头的变量的定义和其赋值写入文件

```
WRITE(VARIABLES) VSAVE.RF /NAME: X*,Y*
```

Writing all variables beginning with "X" or "Y" (ensuring "X"s precede "Y"s):

编写所有以“X”或“Y”开头的变量（确保“X”在“Y”之前）：

```
WRITE(VARIABLES) VSAVE.RF /NAME:X*
```

```
WRITE(VARIABLES) VSAVE.RF /NAME:Y* /APPEND
```

Appending multiple lines to a file:

给文件添加多行文字。

```
WRITE(LINES) TRIAL1.LOG
```

```
\Heel: {HEEL}
```

```
\Trim: {TRIM}
```