

S_path uses Macintosh path syntax (e.g., "hd:FolderA:FolderB:"), even on Windows. It includes a trailing colon.

When JCAMP_LoadWave presents an Open File dialog and the user cancels, V_flag is set to 0 and S_fileName is set to "".

In addition, if the /V flag is used, variables are created corresponding to JCAMP-DX labels in the header. See **Variables Set By JCAMP_LoadWave** on page II-168 for details.

Example

```
Function LoadJCAMP(pathName, fileName)
  String pathName      // Name of Igor symbolic path or ""
  String fileName      // Full path, partial path or simple file name

  JCAMP_LoadWave/P=$pathName fileName
  if (V_Flag == 0)
    Print "No waves were loaded"
    return -1
  endif

  NVAR VJC_NPOINTS
  Printf "Number of points: %d\r", VJC_NPOINTS

  SVAR SJC_YUNITS
  Printf "Y Units: %s\r", SJC_YUNITS

  return 0
End
```

See Also

Loading JCAMP Files on page II-168

JacobiCn

JacobiCn(x, k)

The JacobiCn function returns the Jacobian elliptic function cn(x,k) for real x and modulus k with

$$0 < k^2 < 1.$$

The JacobiCn function was added in Igor Pro 7.00.

See Also

JacobiSn

Reference

F. W. J. Olver, D. W. Lozier, R. F. Boisvert, and C. W. Clark, editors, *NIST Handbook of Mathematical Functions*, chapter 22. Cambridge University Press, New York, NY, 2010.

JacobiSn

JacobiSn(x, k)

The JacobiSn function returns the Jacobian elliptic function sn(x,k) for real x and modulus k with

$$0 < k^2 < 1.$$

The JacobiSn function was added in Igor Pro 7.00.

See Also

JacobiCn

Reference

F. W. J. Olver, D. W. Lozier, R. F. Boisvert, and C. W. Clark, editors, *NIST Handbook of Mathematical Functions*, chapter 22. Cambridge University Press, New York, NY, 2010.