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## I/O Bugs: special characters

### Bugs

#### 1. *Problems with parsing the names of the files with special characters.*

Sherpa will not correctly parse the following:

```
sherpa> read data " filename.dat "
```

because of the extra space within the quotes.

#### 2. *Certain characters should be avoided in directory names and filenames as they can cause problems in I/O.*

Often problems can be avoided by using double quotes when using "special" characters.

The standard set (defined as special by most operating systems) of "special" characters is:

```
& ( ) [ ] ; | * ? ' " ` $ < > ; { } ^ # / \ (space character)
```

Sherpa has additional restrictions on the use of the following:

```
: +
```

Sherpa is known to crash when trying to write files whose names contain:

```
( ) & |
```

Sherpa will not function properly if the directory path contains the following:

```
: ( )
```

I/O Bugs: special characters – CIAO 3.4