

# The l3sys-shell package

## System shell functions

The L<sup>A</sup>T<sub>E</sub>X3 Project\*

Released 2019-05-03

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|-------------------------------|---|
| <code>\sys_shell_cp:nn</code> | <code>\sys_shell_cp:nn {&lt;source&gt;} {&lt;dest&gt;}</code> |
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New: 2018-07-28

Copies the files specified in the  $\langle source \rangle$  (which may include wildcards) to the  $\langle dest \rangle$ . The file paths should be specified using `/` as a path separator. Copying is *not* recursive: only files at the path level given are copied. If unrestricted shell escape is not enabled, no action is attempted.

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|                                 |   |
|---------------------------------|---|
| <code>\sys_shell_mkdir:n</code> | <code>\sys_shell_mkdir:n {&lt;directory&gt;}</code> |
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New: 2018-07-27

Creates the  $\langle directory \rangle$ , which should be specified using `/` as a path separator. If unrestricted shell escape is not enabled, no action is attempted.

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|-------------------------------|---|
| <code>\sys_shell_mv:nn</code> | <code>\sys_shell_mv:nn {&lt;old&gt;} {&lt;new&gt;}</code> |
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New: 2018-07-28

Moves the files from the  $\langle old \rangle$  to  $\langle new \rangle$  names/locations: the  $\langle old \rangle$  names may include wildcards. In both arguments, `/` should be used as the path separator. If unrestricted shell escape is not enabled, no action is attempted.

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|------------------------------|--|
| <code>\sys_shell_rm:n</code> | <code>\sys_shell_rm:n {&lt;files&gt;}</code> |
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New: 2018-07-27

Removes the  $\langle files \rangle$  (which may include wildcards). The file path should be specified using `/` as a path separator. If unrestricted shell escape is not enabled, no action is attempted.

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|---------------------------------|---|
| <code>\sys_shell_rmdir:n</code> | <code>\sys_shell_rmdir:n {&lt;directory&gt;}</code> |
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New: 2018-07-27

Removes the  $\langle directory \rangle$ , which should be specified using `/` as a path separator. If unrestricted shell escape is not enabled, no action is attempted.

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|                                   |   |
|-----------------------------------|---|
| <code>\sys_shell_get_pwd:N</code> | <code>\sys_shell_get_pwd:N &lt;str var&gt;</code> |
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New: 2018-07-28

Sets the  $\langle str var \rangle$  to the present working directory (the output of `pwd` on Unix or `cd` on Windows). Note that on Windows this will contain string backslash chars (`\`). If unrestricted shell escape is not enabled, no action is taken.

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|                                     |   |
|-------------------------------------|---|
| <code>\sys_shell_split_ls:nN</code> | <code>\sys_shell_split_ls:N {&lt;glob&gt;} &lt;seq&gt;</code> |
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New: 2018-07-28

Sets the  $\langle seq var \rangle$  to contain one entry per directory listing (equivalent to `ls -1` or `dir /b`) as specified by the  $\langle glob \rangle$ : the entries are strings. If unrestricted shell is not enabled, no action is taken.

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