

# The l3sys-shell package

## System shell functions

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

Released 2020-08-07

<hr/> <code>\sys_shell_cp:nn</code> <hr/> <div>New: 2018-07-28</div> <hr/>	<code>\sys_shell_cp:nn {&lt;source&gt;} {&lt;dest&gt;}</code> <p>Copies the files specified in the <code>&lt;source&gt;</code> (which may include wildcards) to the <code>&lt;dest&gt;</code>. The file paths should be specified using <code>/</code> as a path separator. Copying is <i>not</i> recursive: only files at the path level given are copied. If unrestricted shell escape is not enabled, no action is attempted.</p>
<hr/> <code>\sys_shell_mkdir:n</code> <hr/> <div>New: 2018-07-27</div> <hr/>	<code>\sys_shell_mkdir:n {&lt;directory&gt;}</code> <p>Creates the <code>&lt;directory&gt;</code>, which should be specified using <code>/</code> as a path separator. If unrestricted shell escape is not enabled, no action is attempted.</p>
<hr/> <code>\sys_shell_mv:nn</code> <hr/> <div>New: 2018-07-28</div> <hr/>	<code>\sys_shell_mv:nn {&lt;old&gt;} {&lt;new&gt;}</code> <p>Moves the files from the <code>&lt;old&gt;</code> to <code>&lt;new&gt;</code> names/locations: the <code>&lt;old&gt;</code> names may include wildcards. In both arguments, <code>/</code> should be used as the path separator. If unrestricted shell escape is not enabled, no action is attempted.</p>
<hr/> <code>\sys_shell_rm:n</code> <hr/> <div>New: 2018-07-27</div> <hr/>	<code>\sys_shell_rm:n {&lt;files&gt;}</code> <p>Removes the <code>&lt;files&gt;</code> (which may include wildcards). The file path should be specified using <code>/</code> as a path separator. If unrestricted shell escape is not enabled, no action is attempted.</p>
<hr/> <code>\sys_shell_rmdir:n</code> <hr/> <div>New: 2018-07-27</div> <hr/>	<code>\sys_shell_rmdir:n {&lt;directory&gt;}</code> <p>Removes the <code>&lt;directory&gt;</code>, which should be specified using <code>/</code> as a path separator. If unrestricted shell escape is not enabled, no action is attempted.</p>
<hr/> <code>\sys_get_shell_pwd:N</code> <hr/> <div>New: 2018-07-28</div> <hr/>	<code>\sys_get_shell_pwd:N {&lt;str var&gt;}</code> <p>Sets the <code>&lt;str var&gt;</code> to the present working directory (the output of <code>pwd</code> on Unix or <code>cd</code> on Windows). Note that on Windows this will contain string backslash chars (<code>\</code>). If unrestricted shell escape is not enabled, no action is taken.</p>
<hr/> <code>\sys_shell_split_ls:nN</code> <hr/> <div>New: 2018-07-28</div> <hr/>	<code>\sys_shell_split_ls:N {&lt;glob&gt;} {&lt;seq&gt;}</code> <p>Sets the <code>&lt;seq var&gt;</code> to contain one entry per directory listing (equivalent to <code>ls -1</code> or <code>dir /b</code>) as specified by the <code>&lt;glob&gt;</code>: the entries are strings. If unrestricted shell is not enabled, no action is taken.</p>

---

\*E-mail: [latex-team@latex-project.org](mailto:latex-team@latex-project.org)

# Index

The italic numbers denote the pages where the corresponding entry is described, numbers underlined point to the definition, all others indicate the places where it is used.

S	
sys commands:	
\sys_get_shell_pwd:N	<i>1</i>
\sys_shell_cp:nn	<i>1</i>
\sys_shell_mkdir:n	<i>1</i>
\sys_shell_mv:nn	<i>1</i>
\sys_shell_rm:n	<i>1</i>
\sys_shell_rmdir:n	<i>1</i>
\sys_shell_split_ls:N	<i>1</i>
\sys_shell_split_ls:nN	<i>1</i>