

Tikzinput *

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1 Macros and Environments

2 Tikzinput Implementation

```
1 \*package>
2
3 %%%%%%%%%%% tikzinput.dtx %%%%%%%%%%%
4
5 \ProvidesExplPackage{tikzinput}{2021/08/31}{1.9}{bla}
6 \RequirePackage{l3keys2e}
7
8 \keys_define:nn { tikzinput } {
9   image .bool_set:N = \c_tikzinput_image_bool,
10  image .default:n = false ,
11 }
12
13 \ProcessKeysOptions { tikzinput }
14
15 \bool_if:NTF \c_tikzinput_image_bool {
16   \RequirePackage{graphicx}
17
18   \providecommand\usetikzlibrary[]{}
19   \newcommand\tikzinput[2] [] {\includegraphics[#1]{#2}}
20 }{
21   \RequirePackage{tikz}
22   \RequirePackage{standalone}
23
24   \newcommand \tikzinput [2] [] {
25     \setkeys{Gin}{#1}
26     \ifx \Gin@ewidth \Gin@exclamation
27       \ifx \Gin@eheight \Gin@exclamation
28         \input { #2 }
29       \else
30         \resizebox{!}{ \Gin@eheight }{
31           \input { #2 }
```

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```

32     }
33     \fi
34   \else
35     \ifx \Gin@eheight \Gin@exclamation
36       \resizebox{ \Gin@ewidth }{!}{
37         \input { #2 }
38       }
39     \else
40       \resizebox{ \Gin@ewidth }{ \Gin@eheight }{
41         \input { #2 }
42       }
43     \fi
44   \fi
45 }
46 }
47
48 \newcommand \ctikzinput [2] [] {
49   \begin{center}
50     \tikzinput [#1] {#2}
51   \end{center}
52 }
53
54 \@ifpackageloaded{stex}{
55   \RequirePackage{stex-tikzinput}
56 }{}
57
58 \</package>
59 \<*stex>
60 \ProvidesExplPackage{stex-tikzinput}{2021/08/31}{1.9}{bla}
61 \RequirePackage{stex}
62 \RequirePackage{tikzinput}
63
64 \newcommand\mhtikzinput[2] [] {%
65   \def\Gin@mhrepos{}\setkeys{Gin}{#1}%
66   \stex_in_repository:nn\Gin@mhrepos{
67     \tikzinput[#1]{\mhpath{##1}{#2}}
68   }
69 }
70 \newcommand\cmhtikzinput[2] [] {\begin{center}\mhtikzinput[#1]{#2}\end{center}}
71 \</stex>

```