

1. Imported codes

For the following codes, consider a file with the relative path `examples-listing-xyz.tex`, and with the following contents.

```
% Just one demo.
$x y z = 1$
```

The `\tdoclatexinput` macro, shown below, expects the path of a file and offers the same options as the `tdoclatex` environment.

Example .1 (Side by side).

```
\tdoclatexinput[sbs]{examples/listing/xyz.tex}
```

This produces the following layout.

<pre>% Just one demo. \$x y z = 1\$</pre>	$xyz = 1$
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Example .2 (Following).

```
\tdoclatexinput{examples/listing/xyz.tex}
```

This produces the following formatting where the default option is `std`.

```
% Just one demo.
$x y z = 1$
```

 $xyz = 1$

Example .3 (Just the code).

```
\tdoclatexinput[code]{examples/listing/xyz.tex}
```

This produces the following layout.

```
% Just one demo.
$x y z = 1$
```

2. Imported codes put into practice

Example .4 (Showcase). The following comes from `\tdoclatexshow{examples-listing-xyz.tex}`.

Start of the rendering in this doc.

```
% Just one demo.
$x y z = 1$
```

This gives :

Start of the real output

 $xyz = 1$

End of the real output

End of rendering in this doc.

Note.

The default texts take into account the language detected by `tutodoc`.

Example .5 (Changing the explanatory text). Using the key `explain`, you can use custom text. Thus, `tdoclatexshow[explain = Here is the actual rendering.]{examples-listing-xyz.tex}` will produce the following.

Start of the rendering in this doc.

```
% Just one demo.  
$x y z = 1$
```

Here is the actual rendering.

Start of the real output

$xyz = 1$

End of the real output

End of rendering in this doc.

Example .6 (The options available). In addition to the explanatory text, it is also possible to use all the options of `tdocshowcase` environment, see ?? page ?. Here is an example to illustrate this.

```
\tdoclatexshow[explain = What comes next is colourful...,  
               before  = Rendering below.,  
               after   = Finished rendering.,  
               color   = orange]  
{examples/listing/xyz.tex}
```

This will produce the following.

Start of the rendering in this doc.

```
% Just one demo.  
$x y z = 1$
```

What comes next is colourful...

Rendering below.

$xyz = 1$

Finished rendering.

End of rendering in this doc.