

## 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 `\begin{tdoclatex} ... \end{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 1** (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 chosen when loading the package `tutodoc`.

**Example 2** (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 3** (The options available). In addition to the explanatory text, it is also possible to use all the options of `\begin{tdocshowcase}...\end{tdocshowcase}`, 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.