

## 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>	$xyz = 1$
---	-----------

**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 colorful...,  
                before    = Rendering below.,  
                after     = Finished rendering.,  
                colstripe = orange,  
                coltext   = blue!70!black]  
{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 colorful...

Rendering below.

$xyz = 1$

Finished rendering.

End of rendering in this doc.