

# Package ‘simpletex’

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**Type** Package

**Title** Mathematical Formulas and Character Recognition

**Version** 1.0.5

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**Description** By calling the 'SimpleTex' <<https://simpletex.cn/>> open API implements text and mathematical formula recognition on the image, and the output formula can be used directly with 'Markdown' and 'LaTeX'.

**License** MIT + file LICENSE

**URL** <https://github.com/chuxinyuan/simpletex>

**BugReports** <https://github.com/chuxinyuan/simpletex/issues>

**Depends** R (>= 3.6)

**Imports** glue, digest, httr, jsonlite

**RoxygenNote** 7.2.3

**Suggests** testthat (>= 2.1.0), knitr, rmarkdown

**VignetteBuilder** knitr

**Encoding** UTF-8

**NeedsCompilation** no

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**Repository** CRAN

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`imgocr`*Mathematical formulas and character recognition*

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**Description**

Mathematical formulas and character recognition.

**Usage**

```
imgocr(img, mode = "latex_ocr")
```

**Arguments**

<code>img</code>	An image file, supporting jpg, png, bmp format.
<code>mode</code>	Set service model. The value can be 'latex_ocr', 'latex_ocr_turbo', or 'simpletex_ocr'. The default value is 'latex_ocr'. The 'latex_ocr' and 'latex_ocr_turbo' are used for formula identification. 'latex_ocr' is better than 'latex_ocr_turbo', but 'latex_ocr_turbo' is faster. 'simpletex_ocr' is suitable for general image recognition.

**Value**

Text or mathematical formulas for Markdown and LaTeX.

**Examples**

```
## Not run:  
imgocr("path/to/test.jpg")  
imgocr("path/to/test.png", mode = "latex_ocr_turbo")  
imgocr("path/to/test.bmp", mode = "simpletex_ocr")  
  
## End(Not run)
```

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