

typst-academicons

bpkleer

<https://github.com/bpkleer/typst-academicons>

A Typst library for Academicons v1.9.4 icons through the desktop fonts.

This is based on the code from duskmoon314 and the package for **typst-fontawesome**.

Usage

Install the fonts

You can download the fonts from the official website: <https://jpswalsh.github.io/academicons/>

After downloading the zip file, you can install the fonts depending on your OS.

Typst web app

You can simply upload the ttf files to the web app and use them with this package.

Mac

You can double click the ttf files to install them.

Windows

You can right click the ttf files and select Install.

Import the library

Using the typst packages

You can install the library using the typst packages:

```
#import "@preview/academicons:0.1.0": *
```

Manually install

Copy all files start with lib to your project and import the library:

```
#import "lib.typ": *
```


There are three files:

- lib.typ: The main entrypoint of the library.
- lib-impl.typ: The implementation of ai-icon.
- lib-gen.typ: The generated icons.

I recommend renaming these files to avoid conflicts with other libraries.

Use the icons

You can use the ai-icon function to create an icon with its name:

```
#ai-icon("lattes") 
```

Or you can use the ai- prefix to create an icon with its name:

```
#ai-lattes()  (This is equivalent to ai-icon().with("lattes"))
```

Full list of icons

You can find all icons on the official website.

Customization

The ai-icon function passes args to text, so you can customize the icon by passing parameters to it:

```
#ai-icon("lattes", fill: blue) ?
```

```
#ai-lattes(size: 15pt) ?
```

Stacking icons

The ai-stack function can be used to create stacked icons:

```
#ai-stack(ai-icon-args: (fill: black), "doi", ("cv", (fill: blue, size: 20pt))) ?
```



































































Declaration is ai-stack(box-args: (:), grid-args: (:), ai-icon-args: (:), ..icons)



































































- The order of the icons is from the bottom to the top.
- ai-icon-args is used to set the default args for all icons.
- You can also control the internal box and grid by passing the box-args and grid-args to the ai-stack function.
- Currently, four types of icons are supported. The first three types leverage the ai-icon function, and the last type is just a content you want to put in the stack.
 - str, e.g., "lattes"
 - array, e.g., ("lattes", (fill: white, size: 5.5pt))
 - arguments, e.g. arguments("lattes", fill: white)
 - content, e.g. ai-lattes(fill: white)



































































Gallery





























































Here are all the icons in the library. The first column is the icon function you can use, and the second column is what you get with ai-<iconname>. The third column is what you get when you use ai-icon("<iconname>") with the icon name.

typst code	default	fa-icon with text
#ai-academia()	?	?
#ai-academia-square()	?	?
#ai-acclaim()	?	?
#ai-acclaim-square()	?	?
#ai-acm()	?	?
#ai-acm-square()	?	?
#ai-acmdl()	?	?
#ai-acmdl-square()	?	?
#ai-ads()	?	?
#ai-ads-square()	?	?
#ai-africarxiv()	?	?
#ai-africarxiv-square()	?	?
#ai-archive()	?	?
#ai-archive-square()	?	?
#ai-arxiv()	?	?

typst code	default	fa-icon with text
<code>#ai-arxiv-square()</code>		
<code>#ai-biorxiv()</code>		
<code>#ai-biorxiv-square()</code>		
<code>#ai-ceur()</code>		
<code>#ai-ceur-square()</code>		
<code>#ai-ciencia-vitae()</code>		
<code>#ai-ciencia-vitae-square()</code>		
<code>#ai-clarivate()</code>		
<code>#ai-clarivate-square()</code>		
<code>#ai-closed-access()</code>		
<code>#ai-closed-access-square()</code>		
<code>#ai-conversation()</code>		
<code>#ai-conversation-square()</code>		
<code>#ai-coursera()</code>		
<code>#ai-coursera-square()</code>		
<code>#ai-crossref()</code>		
<code>#ai-crossref-square()</code>		
<code>#ai-cv()</code>		
<code>#ai-cv-square()</code>		
<code>#ai-datacite()</code>		
<code>#ai-datacite-square()</code>		
<code>#ai-dataverse()</code>		
<code>#ai-dataverse-square()</code>		
<code>#ai-dblp()</code>		
<code>#ai-dblp-square()</code>		
<code>#ai-depsy()</code>		
<code>#ai-depsy-square()</code>		
<code>#ai-doi()</code>		
<code>#ai-doi-square()</code>		
<code>#ai-dryad()</code>		
<code>#ai-dryad-square()</code>		
<code>#ai-elsevier()</code>		
<code>#ai-elsevier-square()</code>		

typst code	default	fa-icon with text
<code>#ai-figshare()</code>		
<code>#ai-figshare-square()</code>		
<code>#ai-google-scholar()</code>		
<code>#ai-google-scholar-square()</code>		
<code>#ai-hal()</code>		
<code>#ai-hal-square()</code>		
<code>#ai-hypothesis()</code>		
<code>#ai-hypothesis-square()</code>		
<code>#ai-ideas-repec()</code>		
<code>#ai-ideas-repec-square()</code>		
<code>#ai-ieee()</code>		
<code>#ai-ieee-square()</code>		
<code>#ai-impactstory()</code>		
<code>#ai-impactstory-square()</code>		
<code>#ai-inaturalist()</code>		
<code>#ai-inaturalist-square()</code>		
<code>#ai-inpn()</code>		
<code>#ai-inpn-square()</code>		
<code>#ai-inspire()</code>		
<code>#ai-inspire-square()</code>		
<code>#ai-isidore()</code>		
<code>#ai-isidore-square()</code>		
<code>#ai-isni()</code>		
<code>#ai-isni-square()</code>		
<code>#ai-jstor()</code>		
<code>#ai-jstor-square()</code>		
<code>#ai-lattes()</code>		
<code>#ai-lattes-square()</code>		
<code>#ai-mathoverflow()</code>		
<code>#ai-mathoverflow-square()</code>		
<code>#ai-mendeley()</code>		
<code>#ai-mendeley-square()</code>		
<code>#ai-moodle()</code>		

typst code	default	fa-icon with text
<code>#ai-moodle-square()</code>		
<code>#ai-mtmt()</code>		
<code>#ai-mtmt-square()</code>		
<code>#ai-nakala()</code>		
<code>#ai-nakala-square()</code>		
<code>#ai-obp()</code>		
<code>#ai-obp-square()</code>		
<code>#ai-open-access()</code>		
<code>#ai-open-access-square()</code>		
<code>#ai-open-data()</code>		
<code>#ai-open-data-square()</code>		
<code>#ai-open-materials()</code>		
<code>#ai-open-materials-square()</code>		
<code>#ai-openedition()</code>		
<code>#ai-openedition-square()</code>		
<code>#ai-orcid()</code>		
<code>#ai-orcid-square()</code>		
<code>#ai-osf()</code>		
<code>#ai-osf-square()</code>		
<code>#ai-overleaf()</code>		
<code>#ai-overleaf-square()</code>		
<code>#ai-philpapers()</code>		
<code>#ai-philpapers-square()</code>		
<code>#ai-piazza()</code>		
<code>#ai-piazza-square()</code>		
<code>#ai-preregistered()</code>		
<code>#ai-preregistered-square()</code>		
<code>#ai-protocols()</code>		
<code>#ai-protocols-square()</code>		
<code>#ai-psyarxiv()</code>		
<code>#ai-psyarxiv-square()</code>		
<code>#ai-publons()</code>		
<code>#ai-publons-square()</code>		

typst code	default	fa - icon with text
<code>#ai-pubmed()</code>		
<code>#ai-pubmed-square()</code>		
<code>#ai-pubpeer()</code>		
<code>#ai-pubpeer-square()</code>		
<code>#ai-researcherid()</code>		
<code>#ai-researcherid-square()</code>		
<code>#ai-researchgate()</code>		
<code>#ai-researchgate-square()</code>		
<code>#ai-ror()</code>		
<code>#ai-ror-square()</code>		
<code>#ai-sci-hub()</code>		
<code>#ai-sci-hub-square()</code>		
<code>#ai-scirate()</code>		
<code>#ai-scirate-square()</code>		
<code>#ai-scopus()</code>		
<code>#ai-scopus-square()</code>		
<code>#ai-semantic-scholar()</code>		
<code>#ai-semantic-scholar-square()</code>		
<code>#ai-springer()</code>		
<code>#ai-springer-square()</code>		
<code>#ai-ssrn()</code>		
<code>#ai-ssrn-square()</code>		
<code>#ai-stackoverflow()</code>		
<code>#ai-stackoverflow-square()</code>		
<code>#ai-viaf()</code>		
<code>#ai-viaf-square()</code>		
<code>#ai-wiley()</code>		
<code>#ai-wiley-square()</code>		
<code>#ai-zenodo()</code>		
<code>#ai-zotero()</code>		
<code>#ai-zotero-square()</code>	