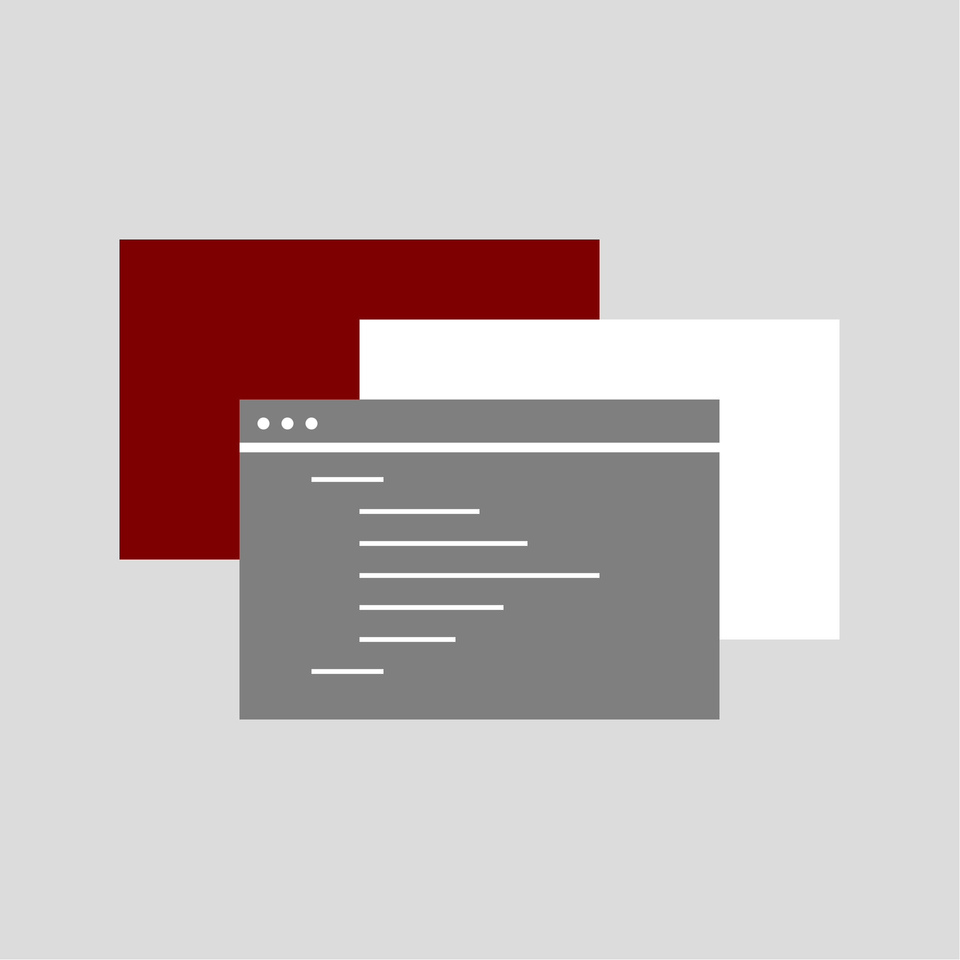
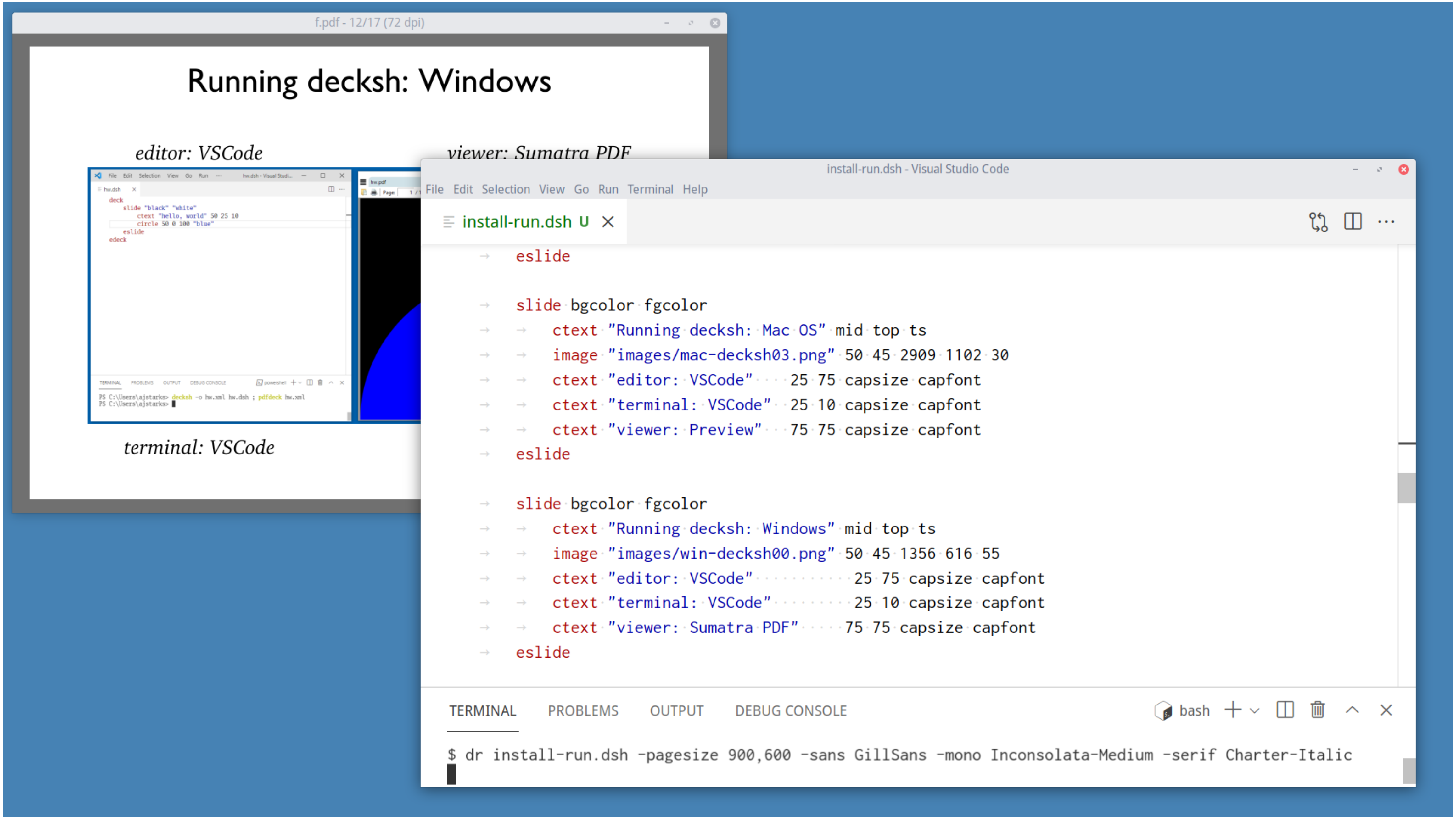
Installing and Running decksh/pdfdeck





Running decksh: Windows

editor: VSCode

viewer: Sumatra PDF

File Edit Selection View Go Run ··· hw.dsh - Visual Studi...
hw.dsh
hw.pdf
Page: 1 / 1

```
deck
    slide "black" "white"
        ctext "hello, world" 50 25 10
        circle 50 0 100 "blue"
    eslide
edeck
```

TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE powershell

```
PS C:\Users\ajstarks> decksh -o hw.xml hw.dsh ; pdfdeck hw.xml
PS C:\Users\ajstarks>
```

terminal: VSCode

install-run.dsh - Visual Studio Code
File Edit Selection View Go Run Terminal Help
install-run.dsh U

```
    eslide

    slide bgcolor fgcolor
        ctext "Running decksh: Mac OS" mid top ts
        image "images/mac-decksh03.png" 50 45 2909 1102 30
        ctext "editor: VSCode"    25 75 capsize capfont
        ctext "terminal: VSCode"  25 10 capsize capfont
        ctext "viewer: Preview"   75 75 capsize capfont
    eslide

    slide bgcolor fgcolor
        ctext "Running decksh: Windows" mid top ts
        image "images/win-decksh00.png" 50 45 1356 616 55
        ctext "editor: VSCode"            25 75 capsize capfont
        ctext "terminal: VSCode"          25 10 capsize capfont
        ctext "viewer: Sumatra PDF"     75 75 capsize capfont
    eslide
```

```
$ dr install-run.dsh -pagesize 900,600 -sans GillSans -mono Inconsolata-Medium -serif Charter-Italic
```

making this guide

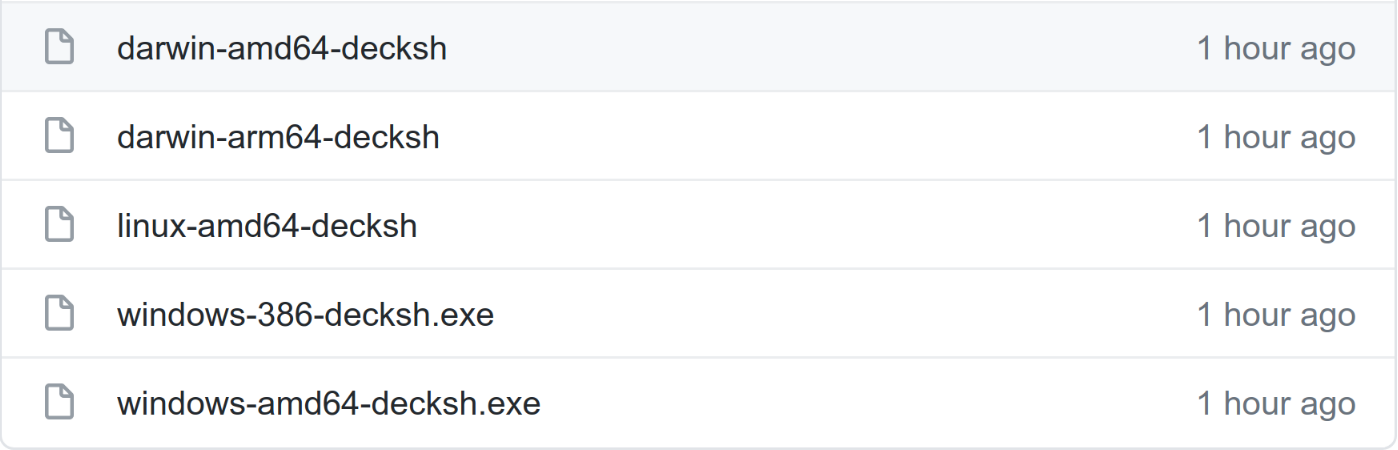
Installing decksh/pdfdeck using go

```
$ go install github.com/ajstarks/decksh/cmd/decksh@latest
$ go install github.com/ajstarks/deck/cmd/pdfdeck@latest
```

Installing decksh and pdfdeck binaries

Mac (M1, Intel), Linux (Intel), Windows (32, 64-bit)

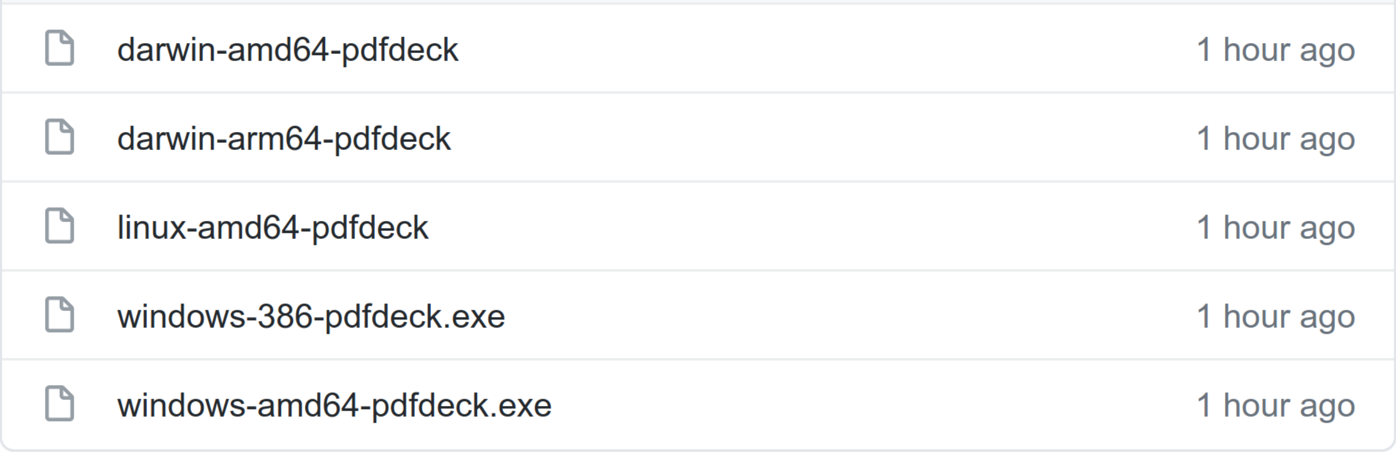
decksh



darwin-amd64-decksh	1 hour ago
darwin-arm64-decksh	1 hour ago
linux-amd64-decksh	1 hour ago
windows-386-decksh.exe	1 hour ago
windows-amd64-decksh.exe	1 hour ago

`https://github.com/ajstarks/decksh/tree/master/cmd/decksh/binaries`

pdfdeck



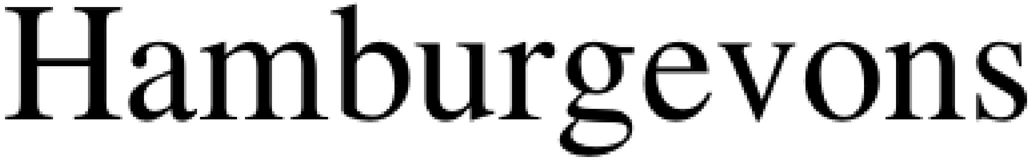
darwin-amd64-pdfdeck	1 hour ago
darwin-arm64-pdfdeck	1 hour ago
linux-amd64-pdfdeck	1 hour ago
windows-386-pdfdeck.exe	1 hour ago
windows-amd64-pdfdeck.exe	1 hour ago

`https://github.com/ajstarks/deck/tree/master/cmd/pdfdeck/binaries`

Default Fonts

Times Roman

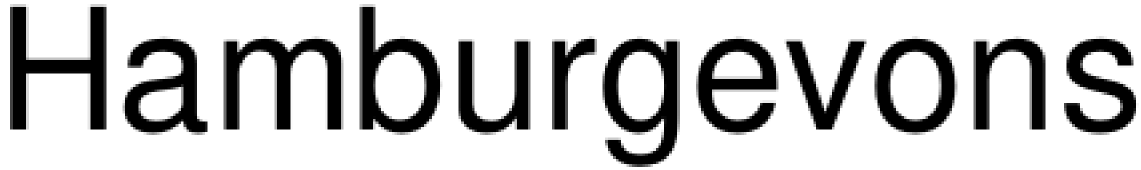
times
timesi
timesb
timesbi



Hamburgevons

Helvetica

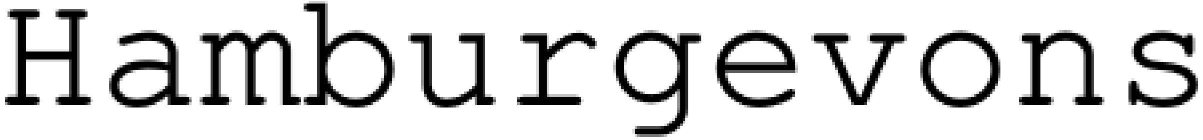
helvetica
helveticai
helveticab
helveticabi



Hamburgevons

Courier

courier
courieri
courierb
courierbi



Hamburgevons

Alternative serif, sans, mono

Charter

Charter-Regular

Charter-Italic

Hamburgevons

Fira Sans

FiraSans-Book

FiraSans-Medium

FiraSans-Regular

Hamburgevons

Inconsolata

Inconsolata-Regular

Inconsolata-Bold

Inconsolata-Medium

Inconsolata-Condensed

Inconsolata-Black

Hamburgevons

Sans fonts

IBM Plex
IBMPlexSans-Regular
IBMPlexMono-Regular

Hamburgevons

Noto Sans
NotoSans-Regular
NotoMono-Regular

Hamburgevons

Public Sans
PublicSans-Italic
PublicSans-Light
PublicSans-Medium
PublicSans-Regular
PublicSans-SemiBold
PublicSans-BoldItalic
PublicSans-Bold

Hamburgevons

Symbol fonts

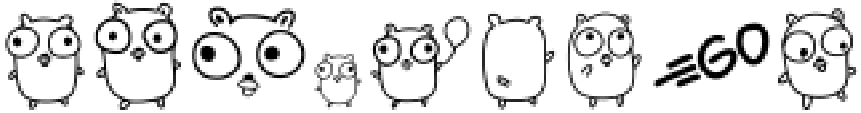
Zapf Dingbats

zapfdingbats

✡✢✣✤✥✦✧★☆

Gophers

Gophers



State Face

stateface

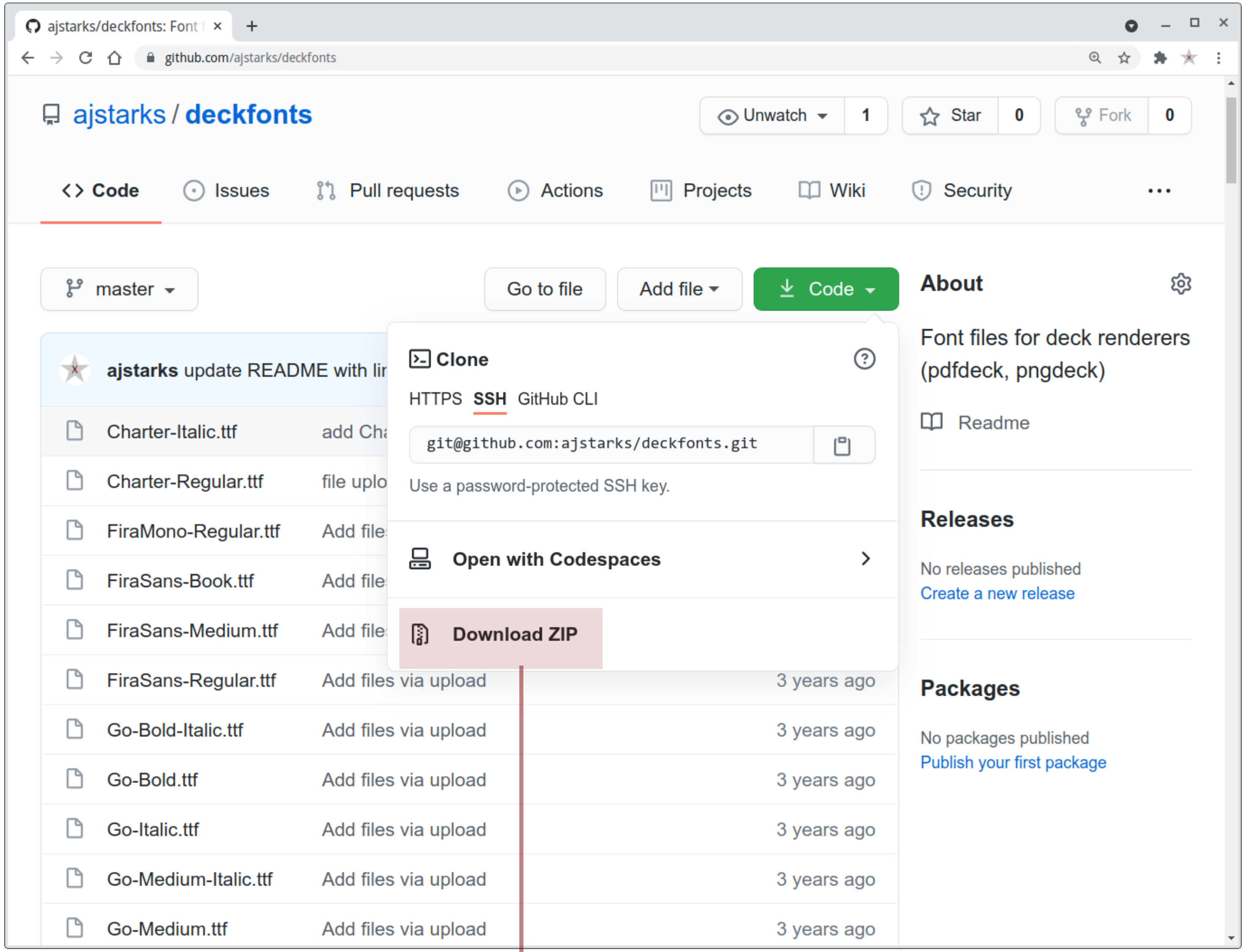
Wee People

weepeople

Installing the fonts using git

```
$ cd $HOME
$ git clone https://github.com/ajstarks/deckfonts
Cloning into 'deckfonts'...
remote: Enumerating objects: 1063, done.
remote: Total 1063 (delta 0), reused 0 (delta 0), pack-reused 1063
Receiving objects: 100% (1063/1063), 69.22 MiB | 1.10 MiB/s, done.
Resolving deltas: 100% (183/183), done.
```

Downloading the fonts



```
git@github.com:ajstarks/deckfonts.git
```

Use a password-protected SSH key.

Font files for deck renderers (pdfdeck, pngdeck)

No releases published

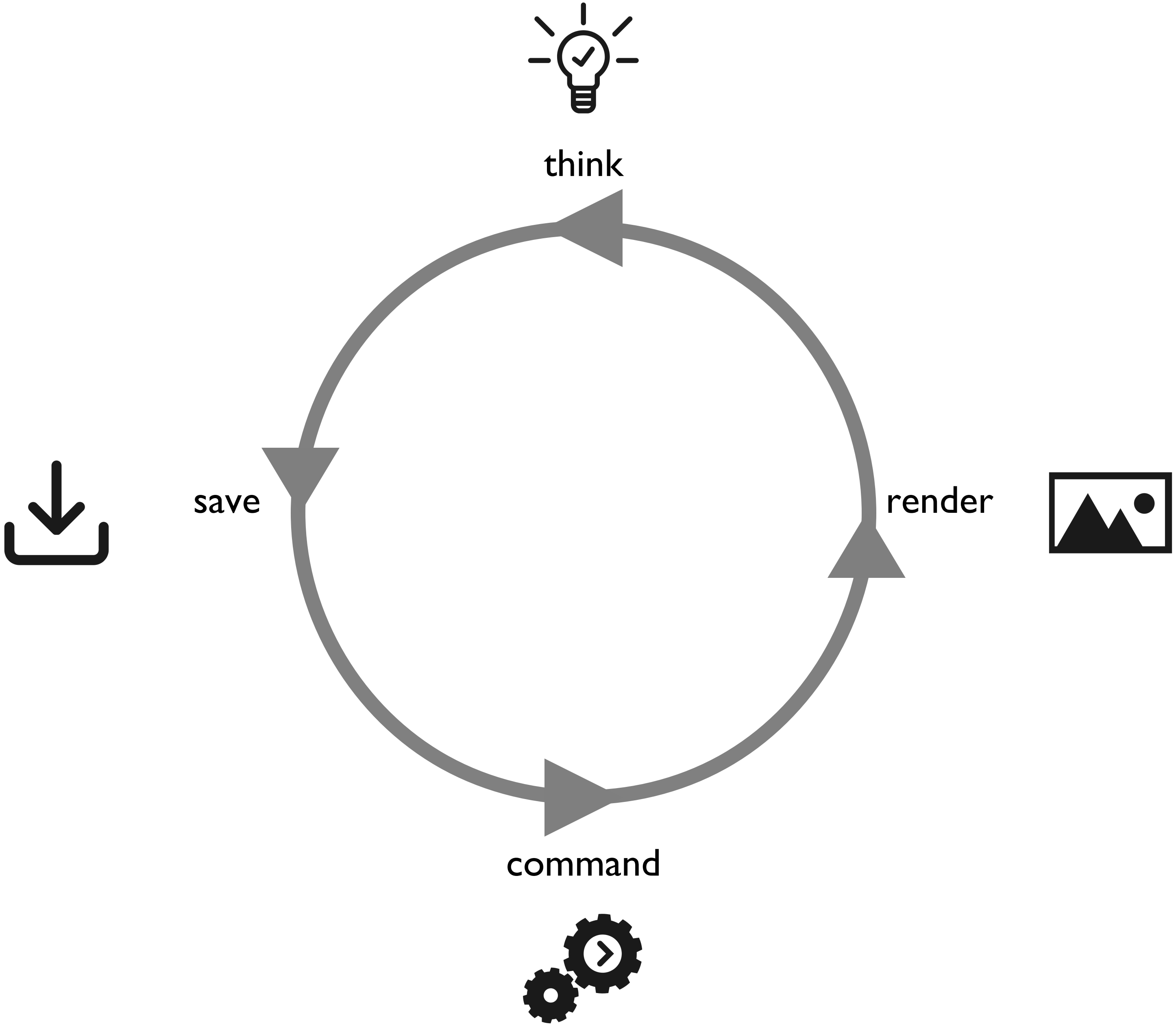
No packages published

ajstarks update README with lir

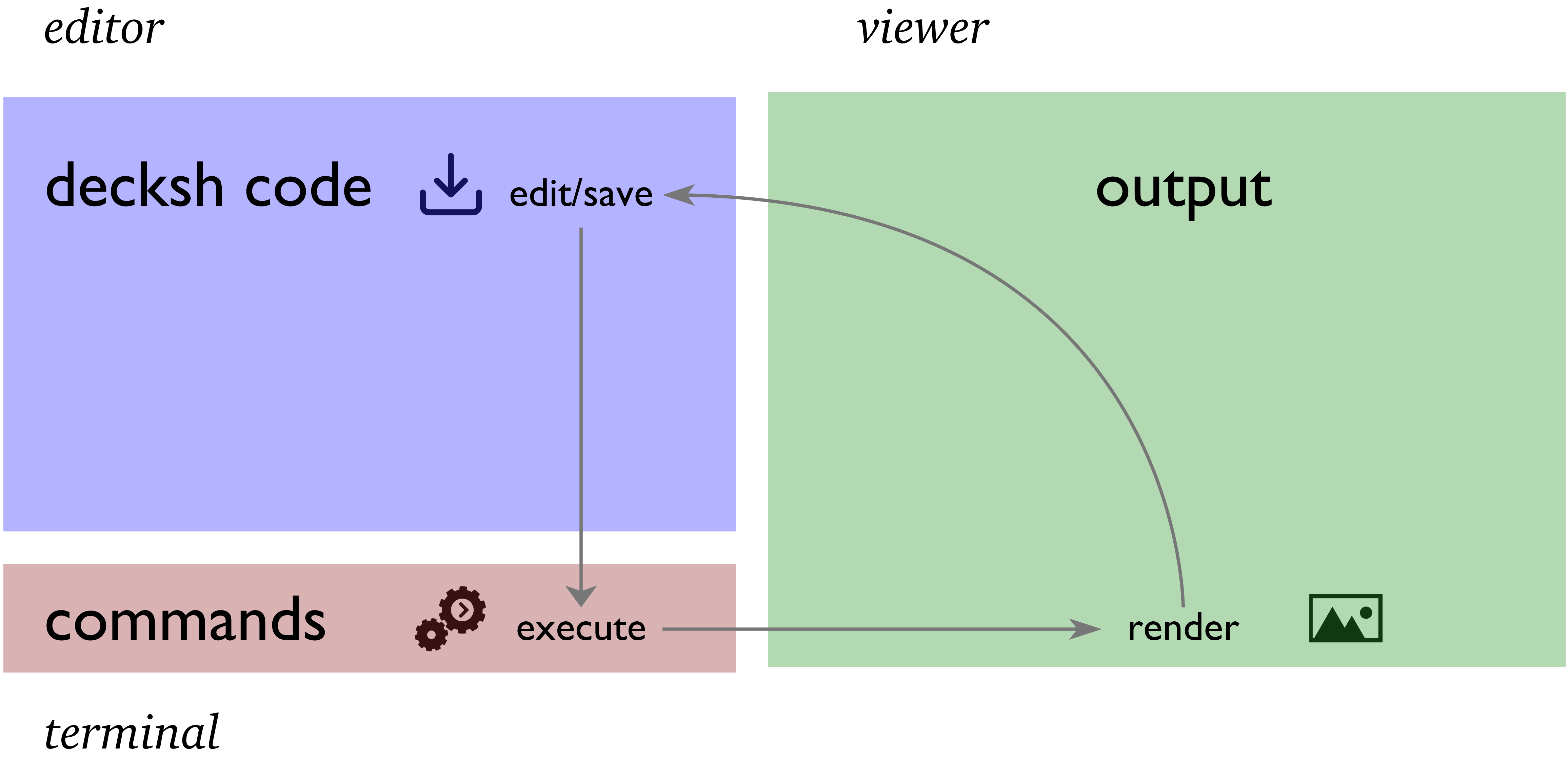
Charter-Italic.ttf	add Cha	
Charter-Regular.ttf	file uplo	
FiraMono-Regular.ttf	Add file	
FiraSans-Book.ttf	Add file	
FiraSans-Medium.ttf	Add file	
FiraSans-Regular.ttf	Add files via upload	3 years ago
Go-Bold-Italic.ttf	Add files via upload	3 years ago
Go-Bold.ttf	Add files via upload	3 years ago
Go-Italic.ttf	Add files via upload	3 years ago
Go-Medium-Italic.ttf	Add files via upload	3 years ago
Go-Medium.ttf	Add files via upload	3 years ago

Download, unzip to your home directory

workflow

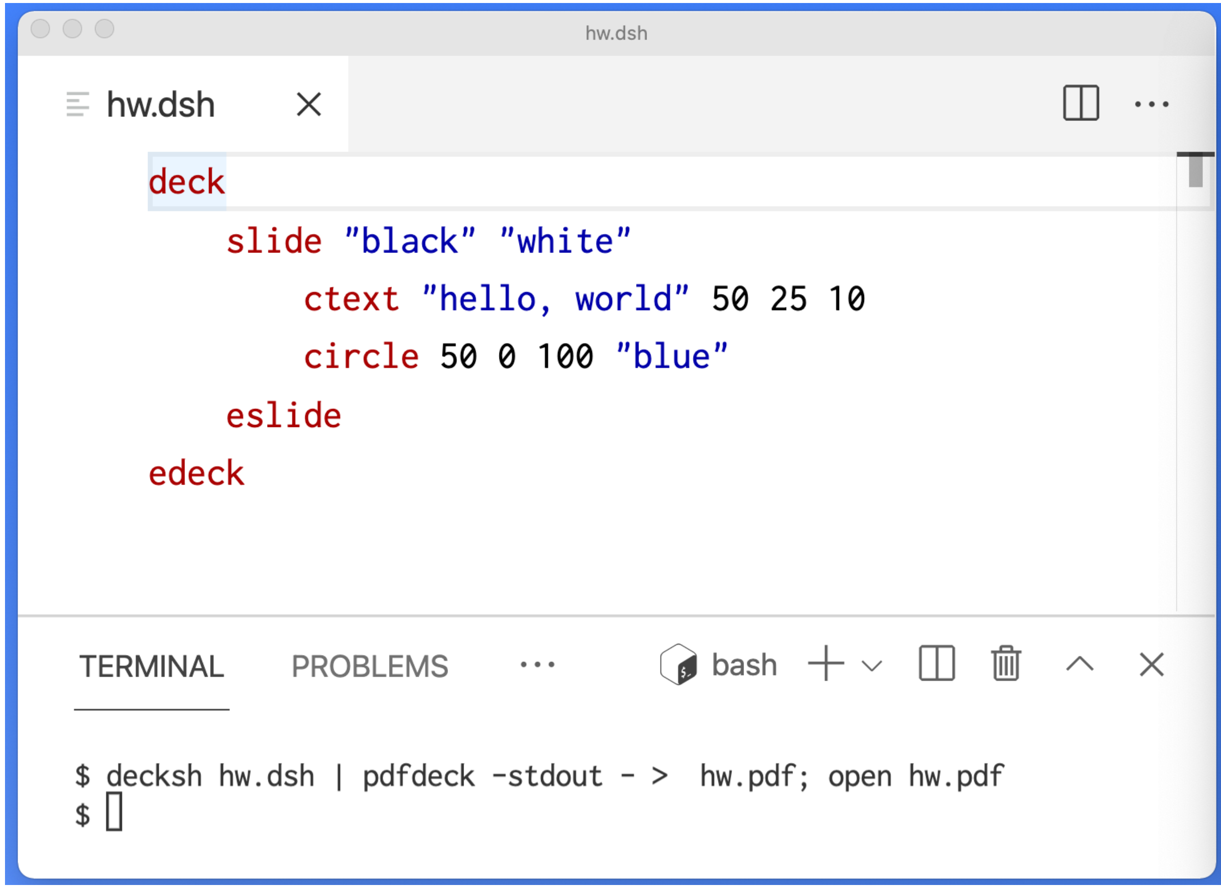


Working setup



Running decksh: Mac OS

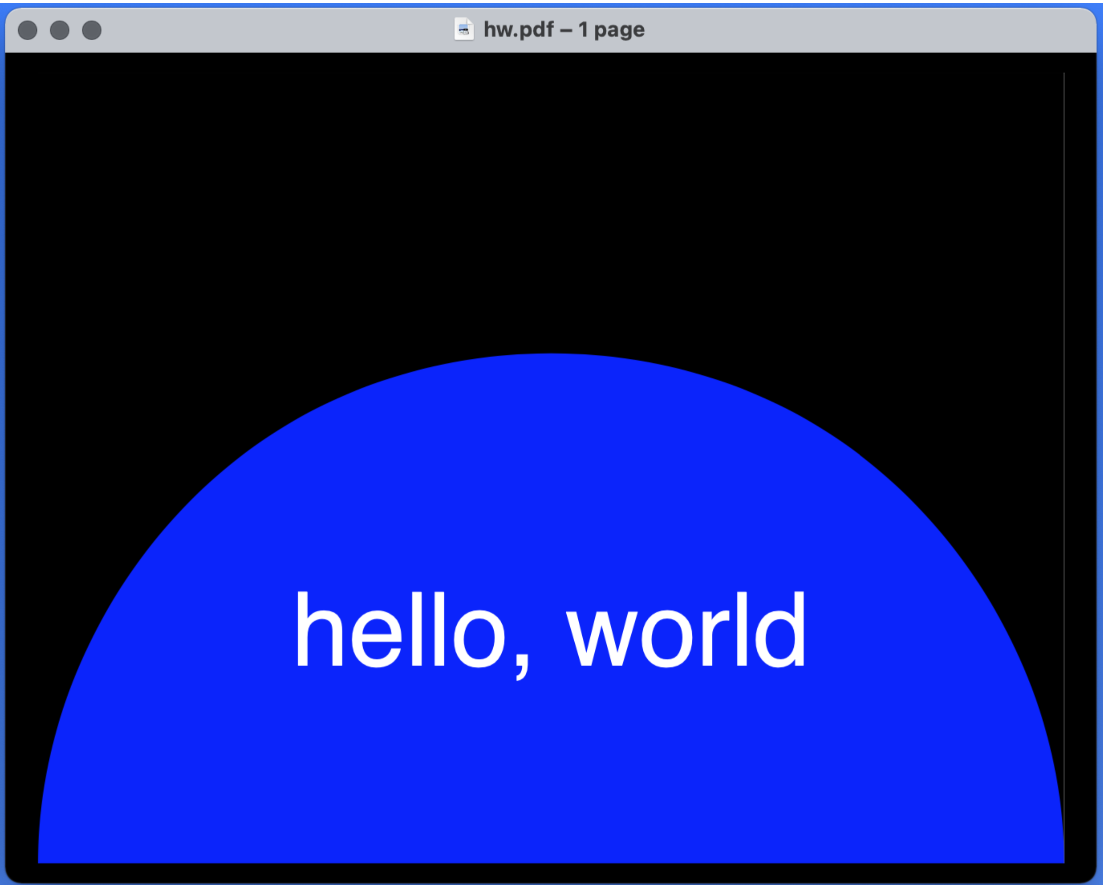
editor: VSCode



```
deck
    slide "black" "white"
        ctext "hello, world" 50 25 10
        circle 50 0 100 "blue"
    eslide
edeck
```

```
$ decksh hw.dsh | pdfdeck -stdout - >  hw.pdf; open hw.pdf
$ 
```

viewer: Preview

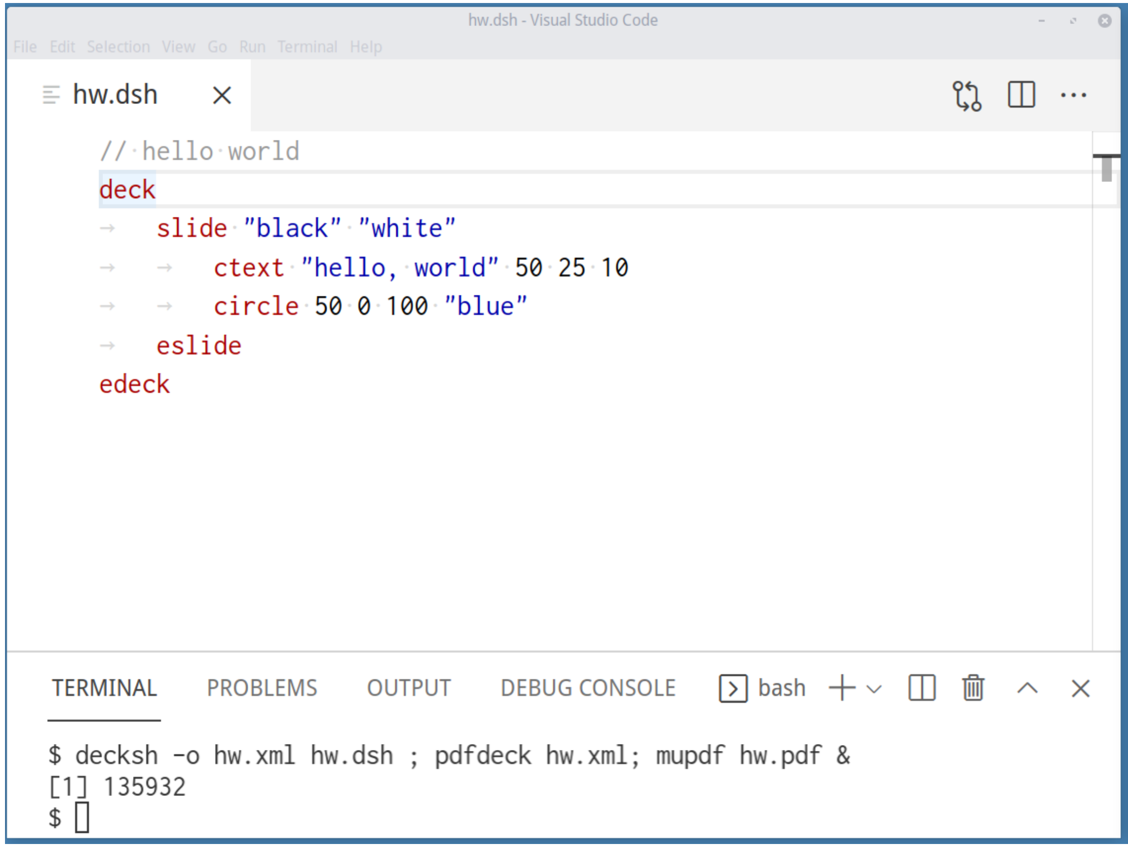


terminal: VSCode

Running decksh: Linux

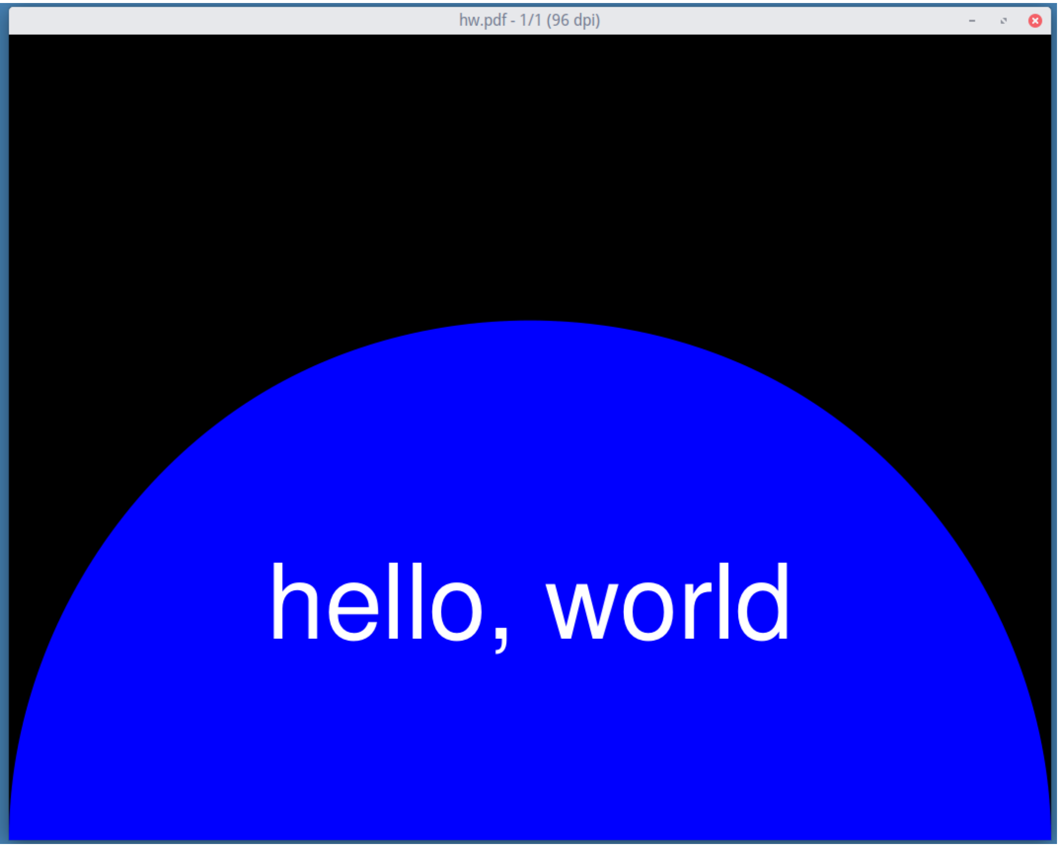
editor: VSCode

viewer: mupdf


hw.dsh - Visual Studio Code
File Edit Selection View Go Run Terminal Help
hw.dsh
TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE bash

```
// hello world
deck
    slide "black" "white"
        ctext "hello, world" 50 25 10
        circle 50 0 100 "blue"
    eslide
edeck
```

```
$ decksh -o hw.xml hw.dsh ; pdfdeck hw.xml; mupdf hw.pdf &
[1] 135932
$ 
```

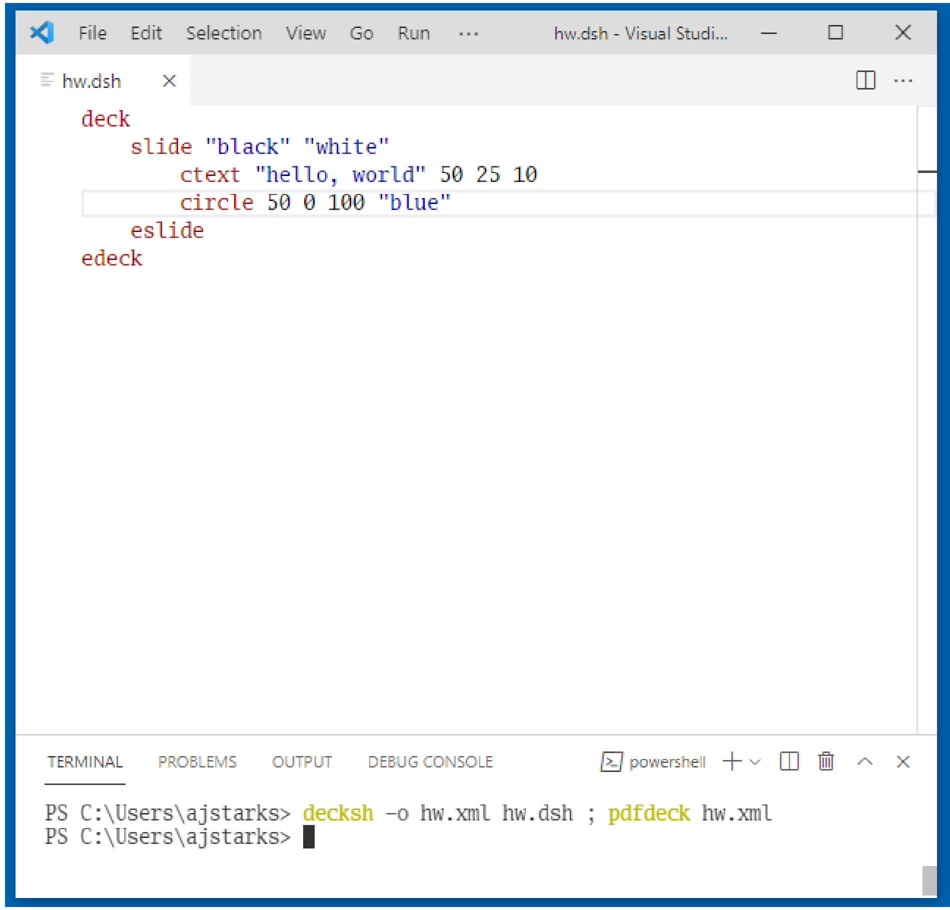


terminal: VSCode

Running decksh: Windows

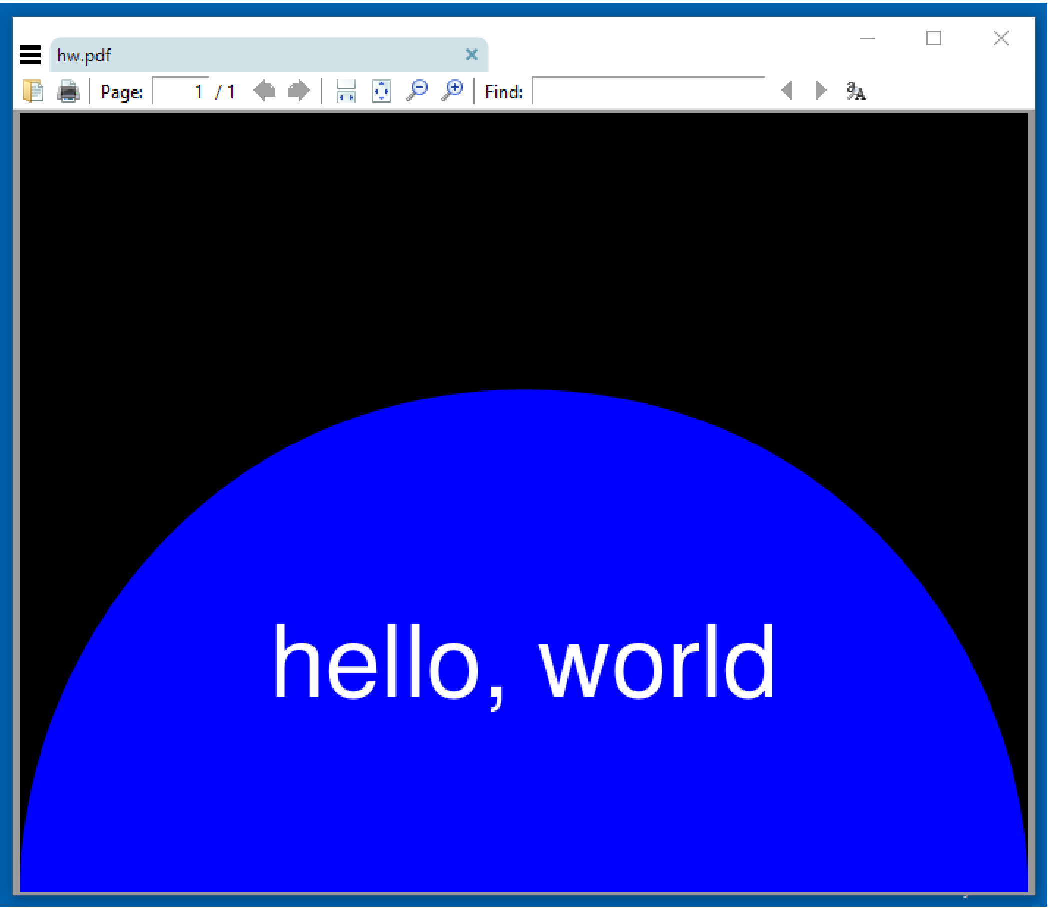
editor: VSCode

viewer: Sumatra PDF



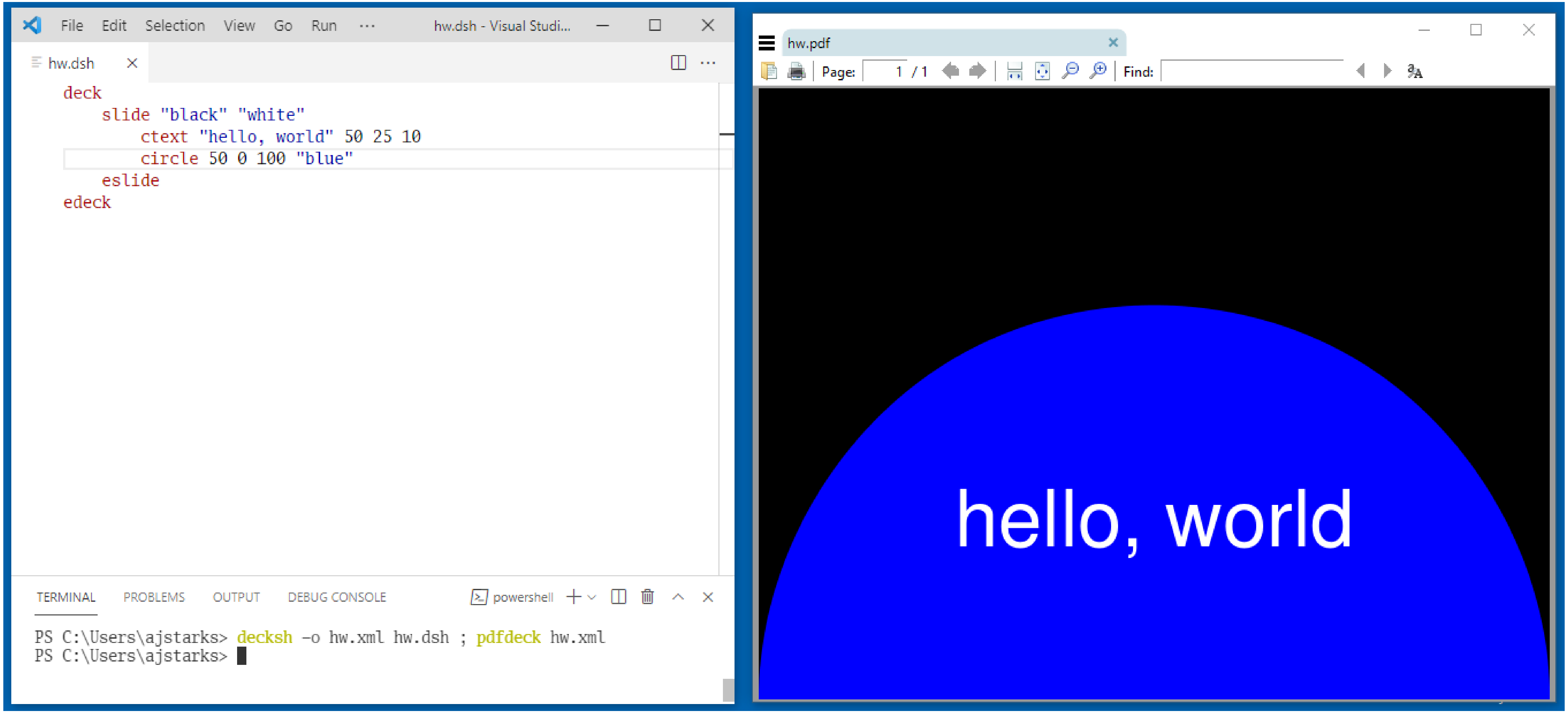
```
deck
    slide "black" "white"
        ctext "hello, world" 50 25 10
        circle 50 0 100 "blue"
    eslide
edeck
```

```
PS C:\Users\ajstarks> decksh -o hw.xml hw.dsh ; pdfdeck hw.xml
PS C:\Users\ajstarks> 
```



terminal: VSCode

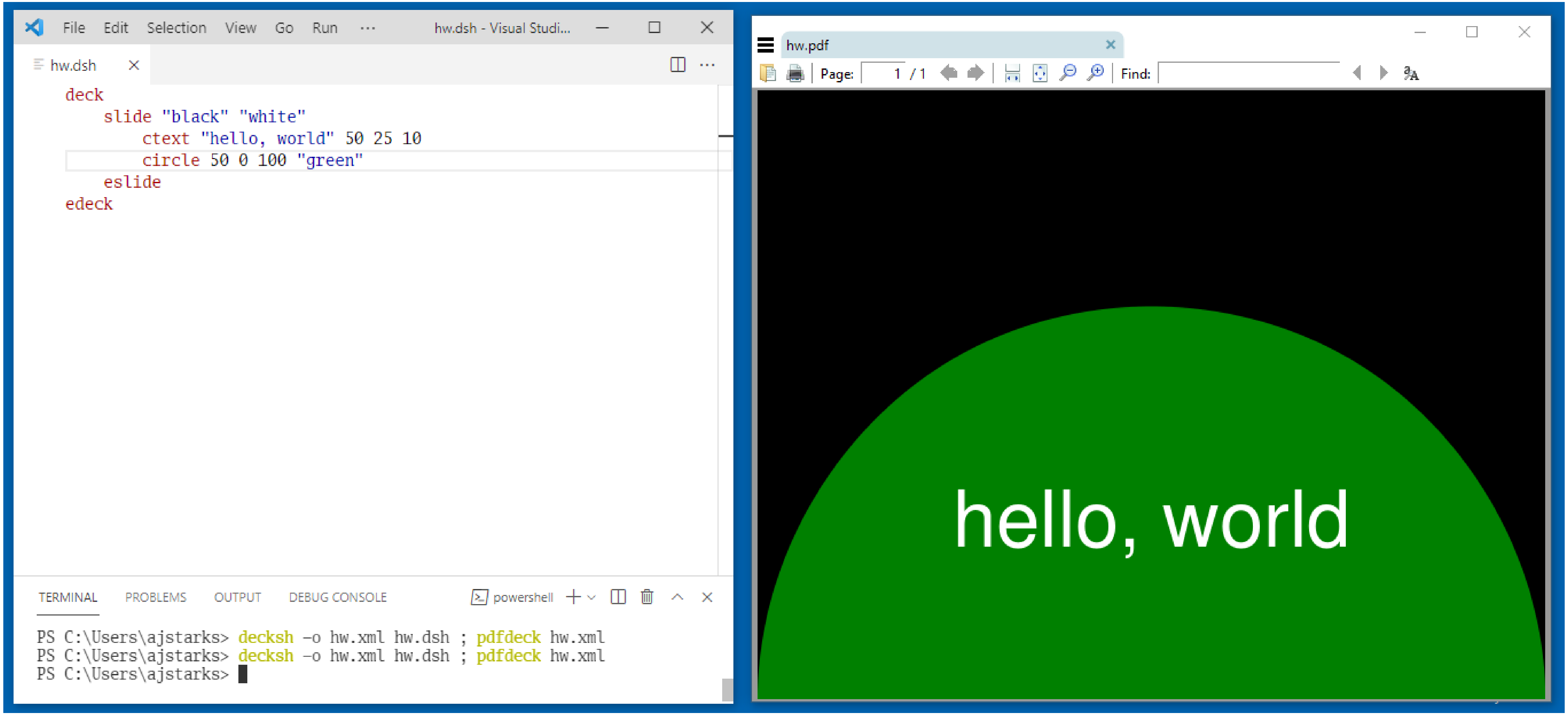
Render



```
deck
    slide "black" "white"
        ctext "hello, world" 50 25 10
        circle 50 0 100 "blue"
    eslide
edeck
```

```
PS C:\Users\ajstarks> decksh -o hw.xml hw.dsh ; pdfdeck hw.xml
PS C:\Users\ajstarks>
```

Update



```
deck
    slide "black" "white"
        ctext "hello, world" 50 25 10
        circle 50 0 100 "green"
    eslide
edeck
```

```
PS C:\Users\ajstarks> decksh -o hw.xml hw.dsh ; pdfdeck hw.xml
PS C:\Users\ajstarks> decksh -o hw.xml hw.dsh ; pdfdeck hw.xml
PS C:\Users\ajstarks>
```

Running decksh

`decksh`	*read from stdin, write to stdout*
`decksh in.dsh`	*read from file, write to stdout*
`decksh -o out.xml`	*read from stdin, write to file*
`decksh -o out.xml in.dsh`	*read from file, write to file*

```
decksh example.dsh | pdfdeck ...
```

pdfdeck [options] inputfile

Option	*Default*	*Description*
`-sans`	helvetica	Sans Serif font
`-serif`	times	Serif font
`-mono`	courier	Monospace font
`-symbol`	zapfdingbats	Symbol font
`-pages`	1-1000000	Pages to output (first-last)
`-pagesize`	Letter	Page size (w,h or Legal, Tabloid, A[3-5], ArchA, 4R, Index)
`-grid`	false	Draw a percent grid
`-fontdir`	$HOME/deckfonts	Font directory
`-outdir`	Current directory	Output directory
`-stdout`	false	Output to standard output
`-author`	""	Document author
`-title`	""	Document title

pdfdeck examples

```
pdfdeck file.xml
```

make file.pdf from file.xml

```
decksh file.dsh | pdfdeck -stdout - > output.pdf
```

Pipe the output from decksh, making output.pdf

```
pdfdeck -sans FiraSans-Regular -serif Charter-Regular -mono Inconsolata-Bold file.xml
```

use FiraSans-Regular.ttf, Charter-Regular.ttf, and Inconsolata-Bold.ttf from the deckfonts directory

```
pdfdeck -pagesize 1920,1080 -pages 10-20 file.xml
```

render pages 10-20 into file.pdf, using a canvas size of 1920 (width) x 1080 (height) pixels

```
echo file.dsh|entr -s 'decksh file.dsh|pdfdeck -stdout - > f.pdf; pkill -HUP mupdf'
```

When file.dsh changes, make f.pdf, and refresh the viewer