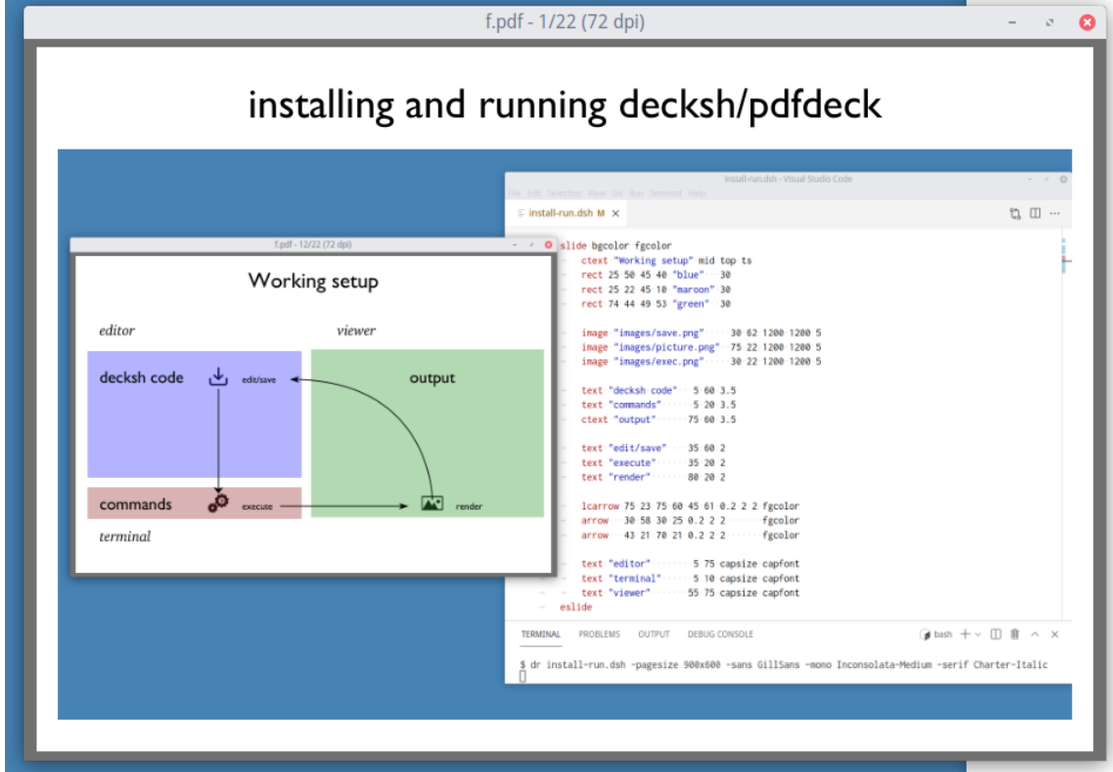
Installing and Running decksh/pdfdeck



install-run.dsh - Visual Studio Code

File Edit Selection View Go Run Terminal Help

install-run.dsh M

```
slide bgcolor fgcolor
    ctext "Working setup" mid top ts
    rect 25 50 45 40 "blue"      30
    rect 25 22 45 10 "maroon"    30
    rect 74 44 49 53 "green"     30

    image "images/save.png"      30 62 1200 1200 5
    image "images/picture.png"   75 22 1200 1200 5
    image "images/exec.png"      30 22 1200 1200 5

    text "decksh code"    5 60 3.5
    text "commands"       5 20 3.5
    ctext "output"        75 60 3.5

    text "edit/save"      35 60 2
    text "execute"        35 20 2
    text "render"         80 20 2

    lcarrow 75 23 75 60 45 61 0.2 2 2 fgcolor
    arrow   30 58 30 25 0.2 2 2       fgcolor
    arrow   43 21 70 21 0.2 2 2       fgcolor

    text "editor"         5 75 capsize capfont
    text "terminal"       5 10 capsize capfont
    text "viewer"         55 75 capsize capfont
eslide
```

TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE bash

```
$ dr install-run.dsh -pagesize 900x600 -sans GillSans -mono Inconsolata-Medium -serif Charter-Italic
```

Installing

Installing using go and git

```
$ go install github.com/ajstarks/decksh/cmd/decksh@latest
```
Install the latest version of decksh

```
$ go install github.com/ajstarks/deck/cmd/pdfdeck@latest
```
Install the latest version of pdfdeck

```
$ cd $HOME
$ git clone https://github.com/ajstarks/deckfonts
```
Install fonts into $HOME/deckfonts

```
$ decksh -? ; pdfdeck -?
```
Do a test run of decksh and pdfdeck

Installing decksh and pdfdeck binaries

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

Pick your type, download, rename to 'decksh', place where your apps live.

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

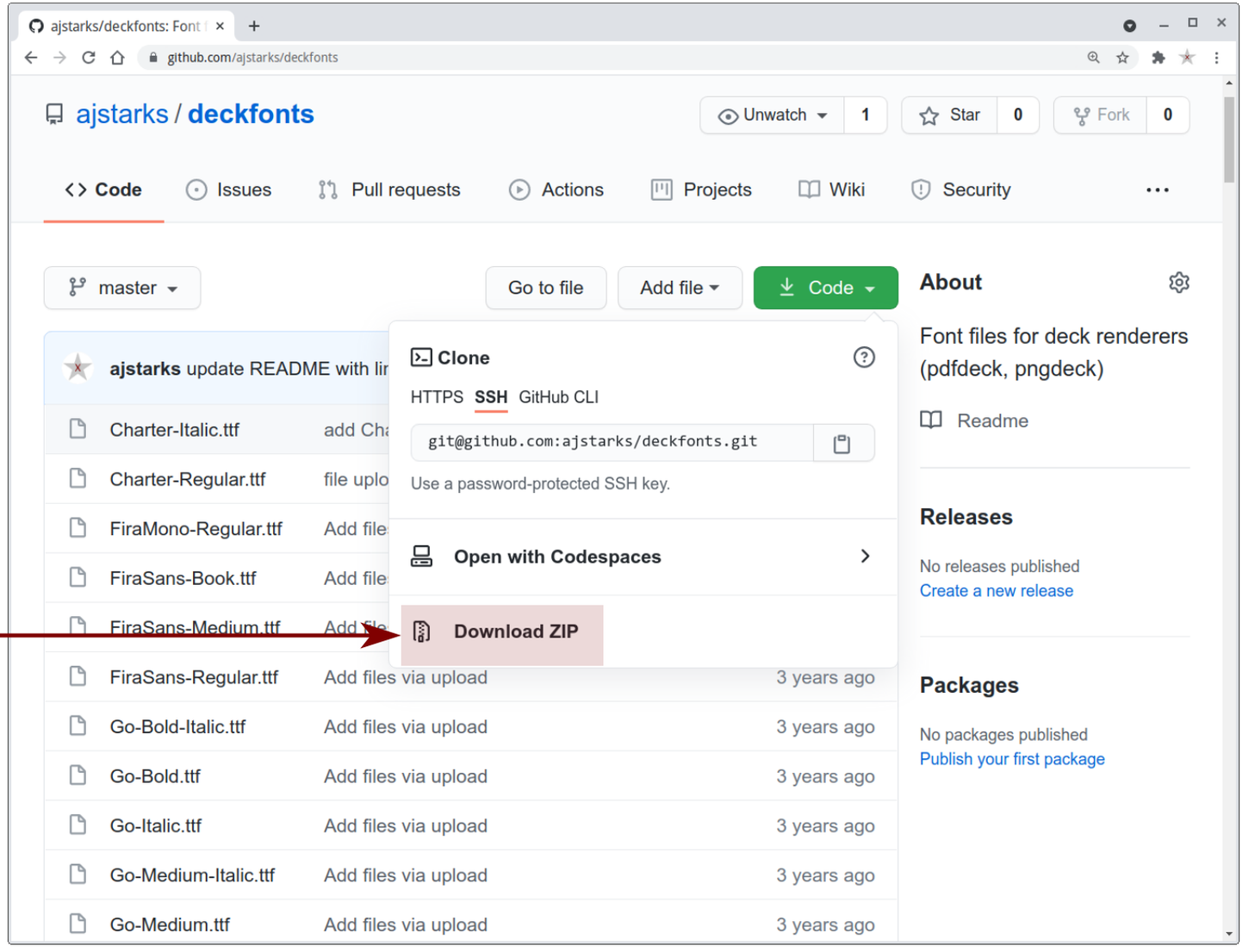
https://github.com/ajstarks/deck/tree/master/cmd/pdfdeck/binaries

Pick your type, download, rename to 'pdfdeck', place where your apps live.

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

Downloading the fonts

Download, unzip to your home directory.



Default Fonts

use on the command line

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

Fira Sans

FiraSans-Book
FiraSans-Medium
FiraSans-Regular

Inconsolata

Inconsolata-Regular
Inconsolata-Bold
Inconsolata-Medium
Inconsolata-Condensed
Inconsolata-Black

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

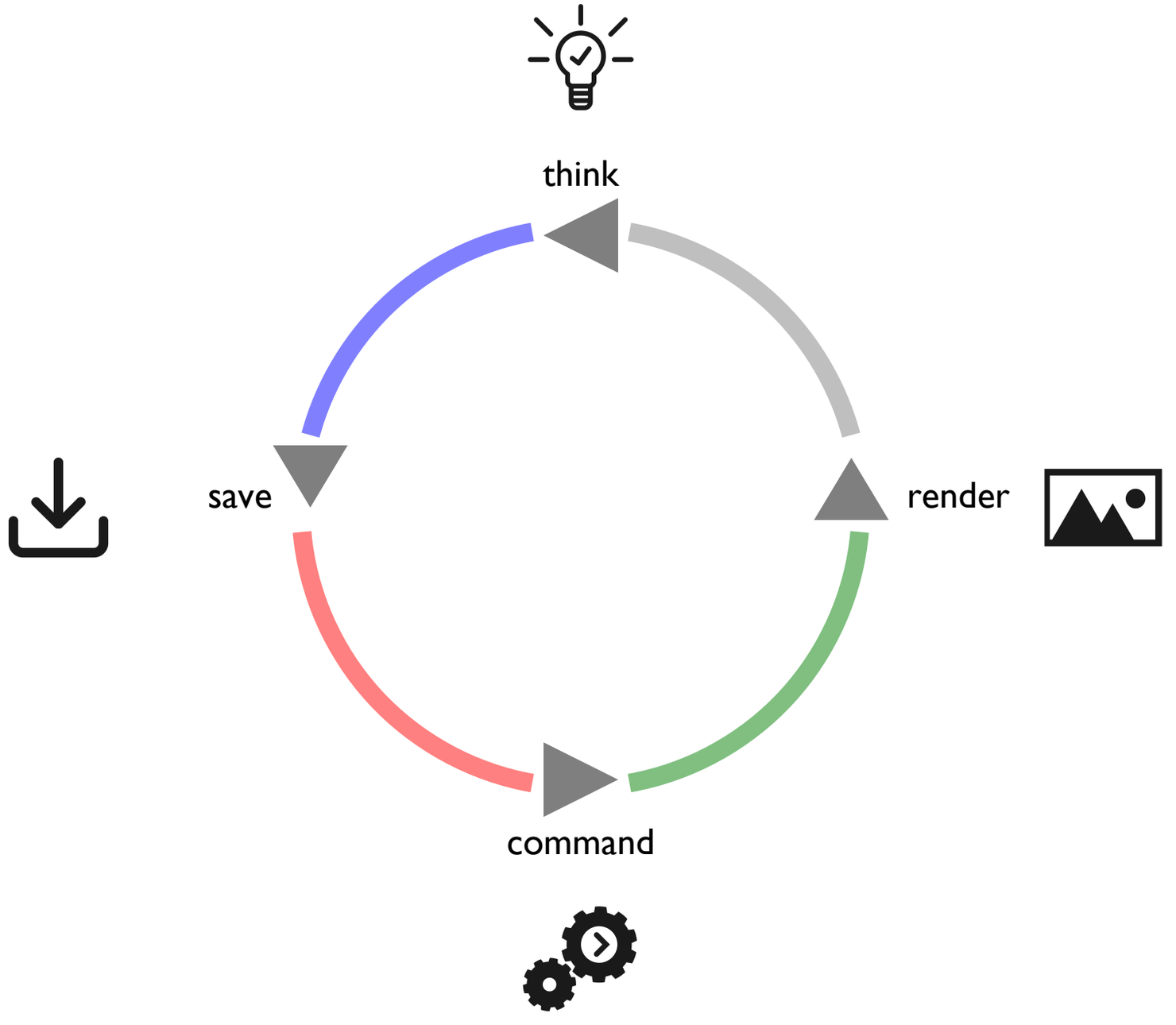
stateface

Wee People

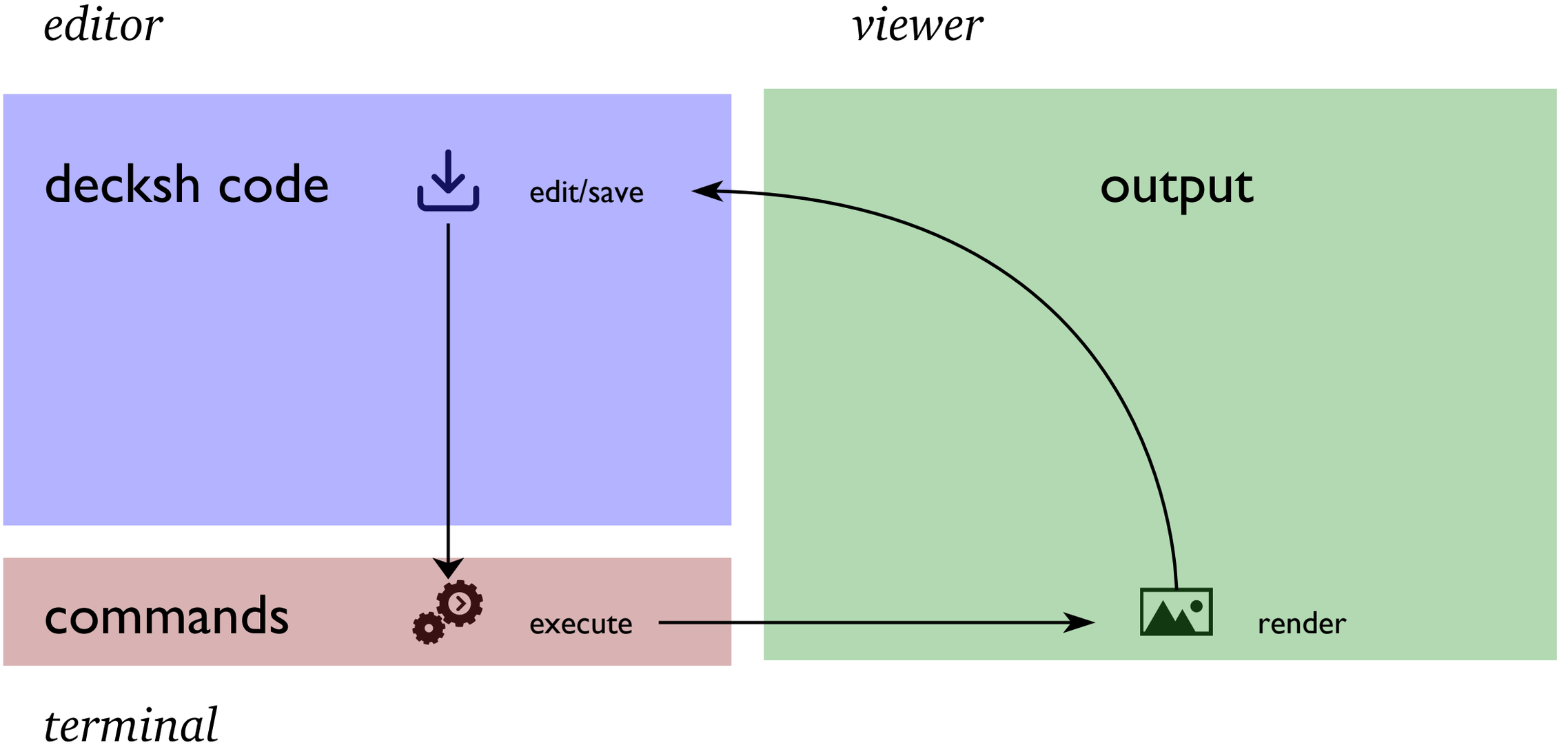
weepeople

Running

workflow



Working setup

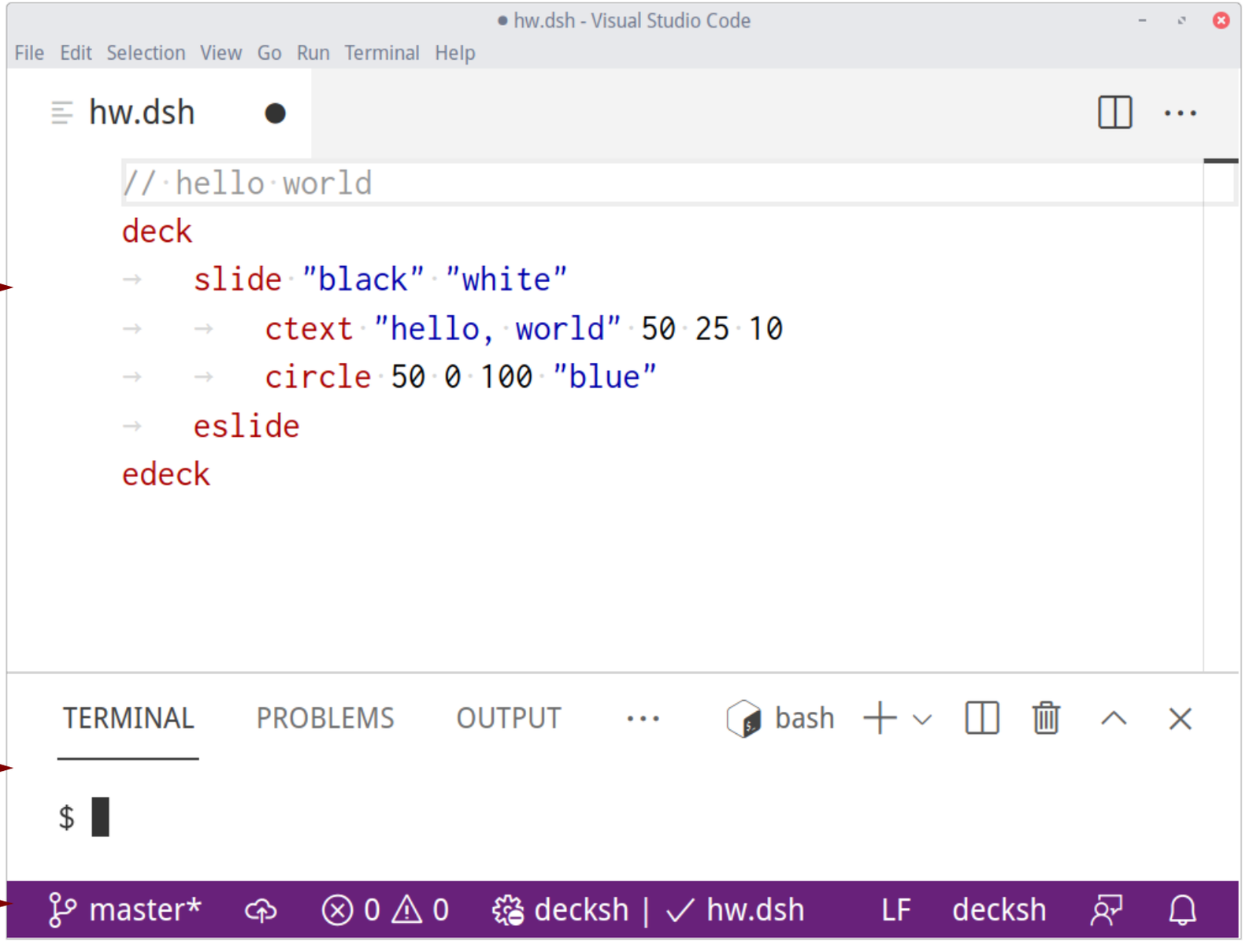


VSCode: Editor for Mac, Windows, and Linux

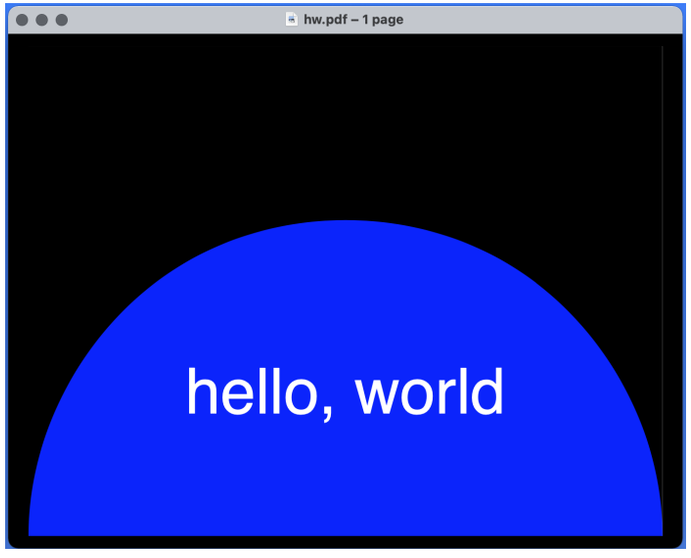
decksh code with syntax highlighting

Integrated terminal

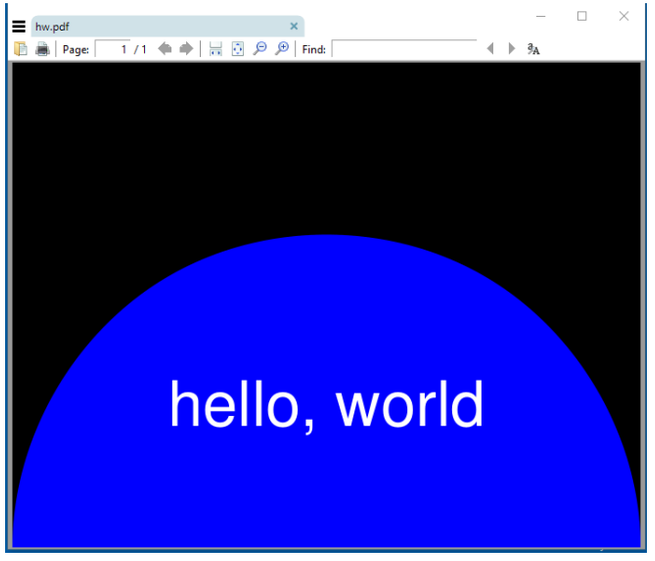
Status showing decksh mode



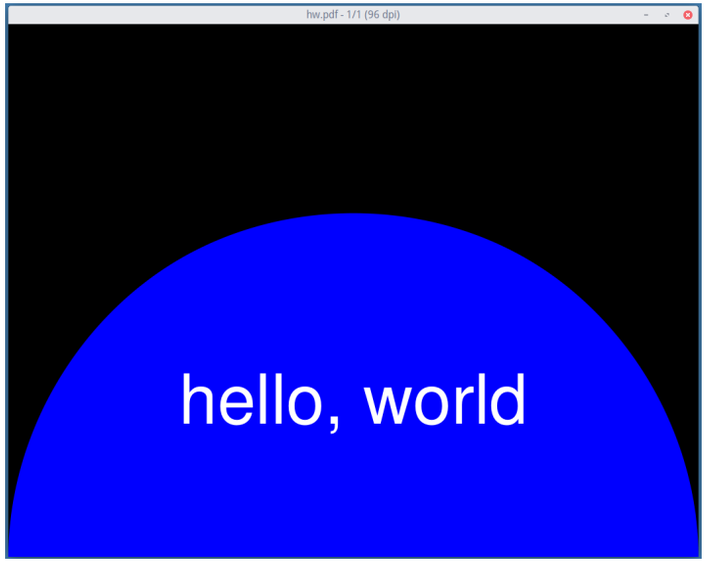
PDF Readers



Mac: Preview



Windows: Sumatra PDF

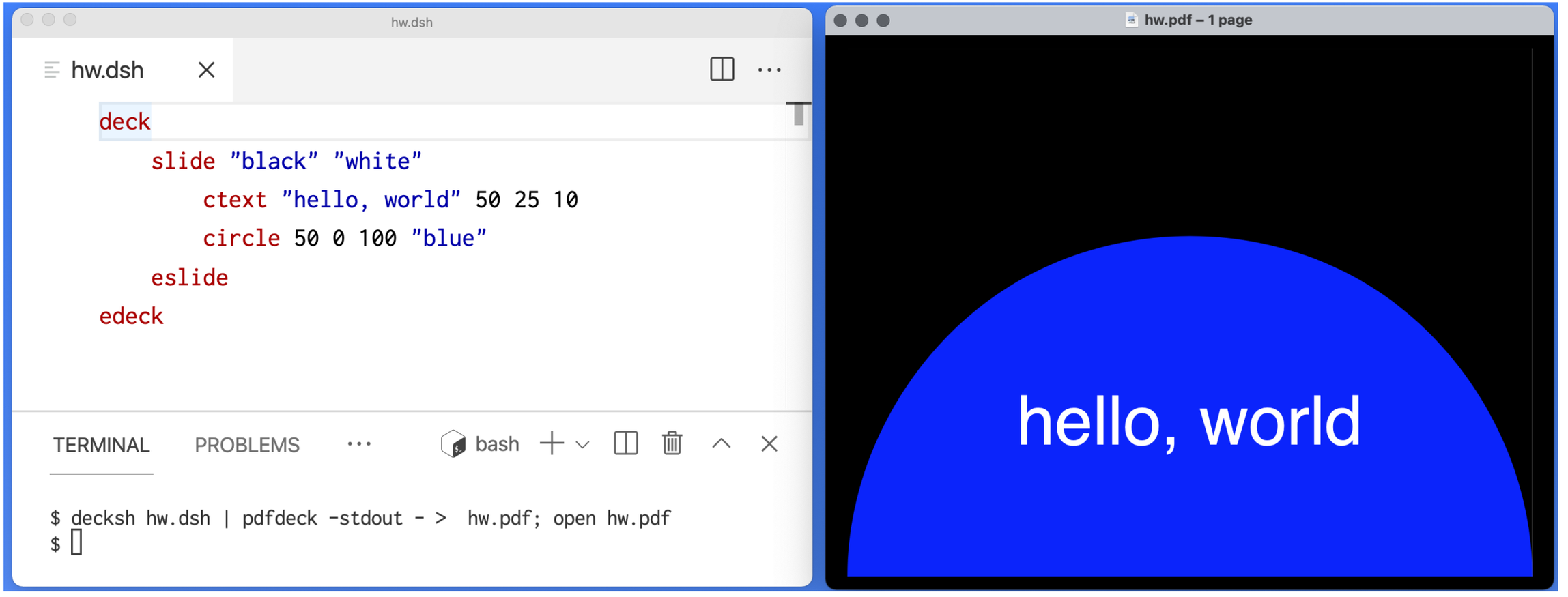


Linux: mupdf

Mac OS

editor: VSCode

viewer: Preview

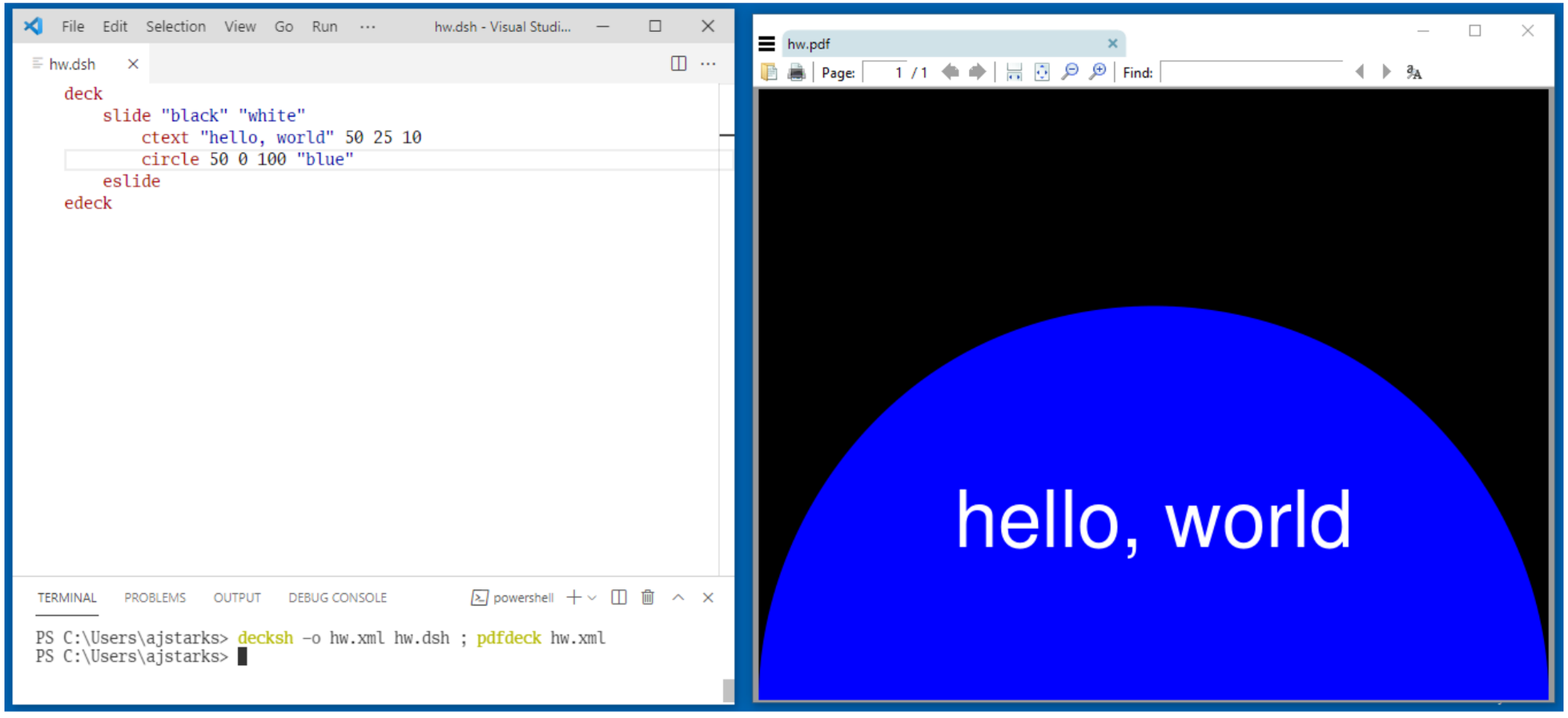


terminal: VSCode

Windows

editor: VSCode

viewer: Sumatra PDF

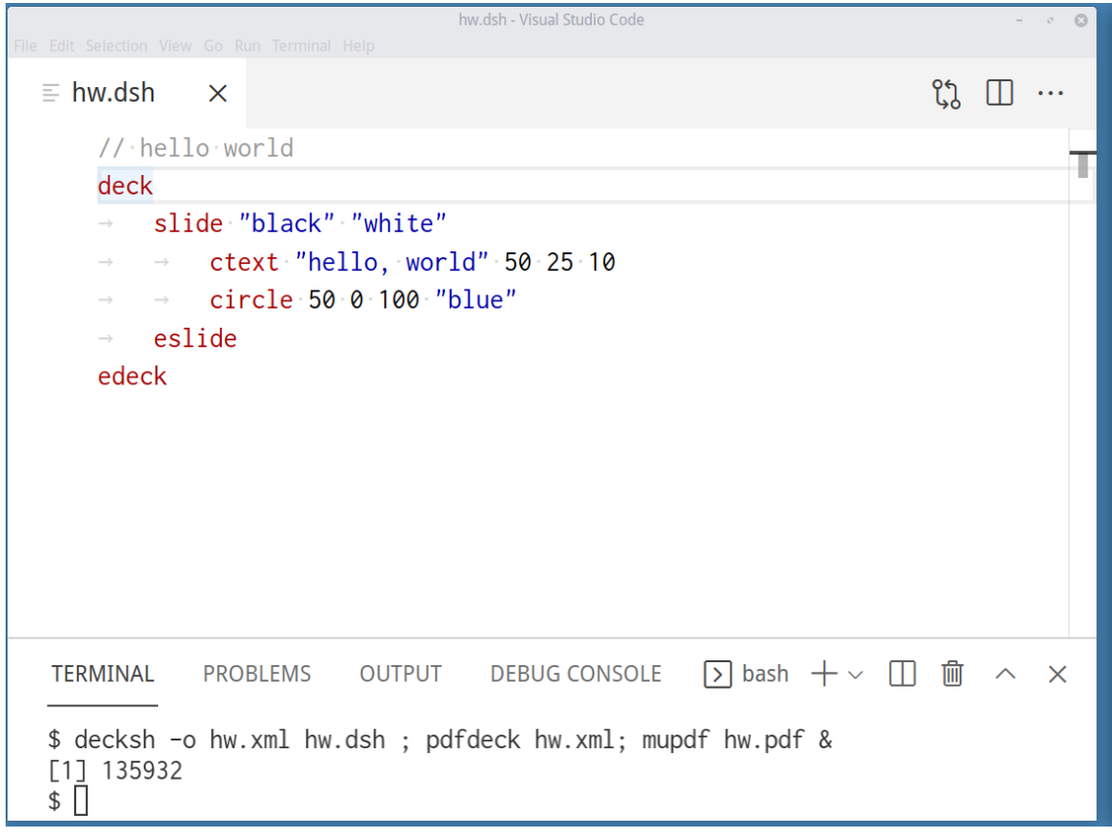


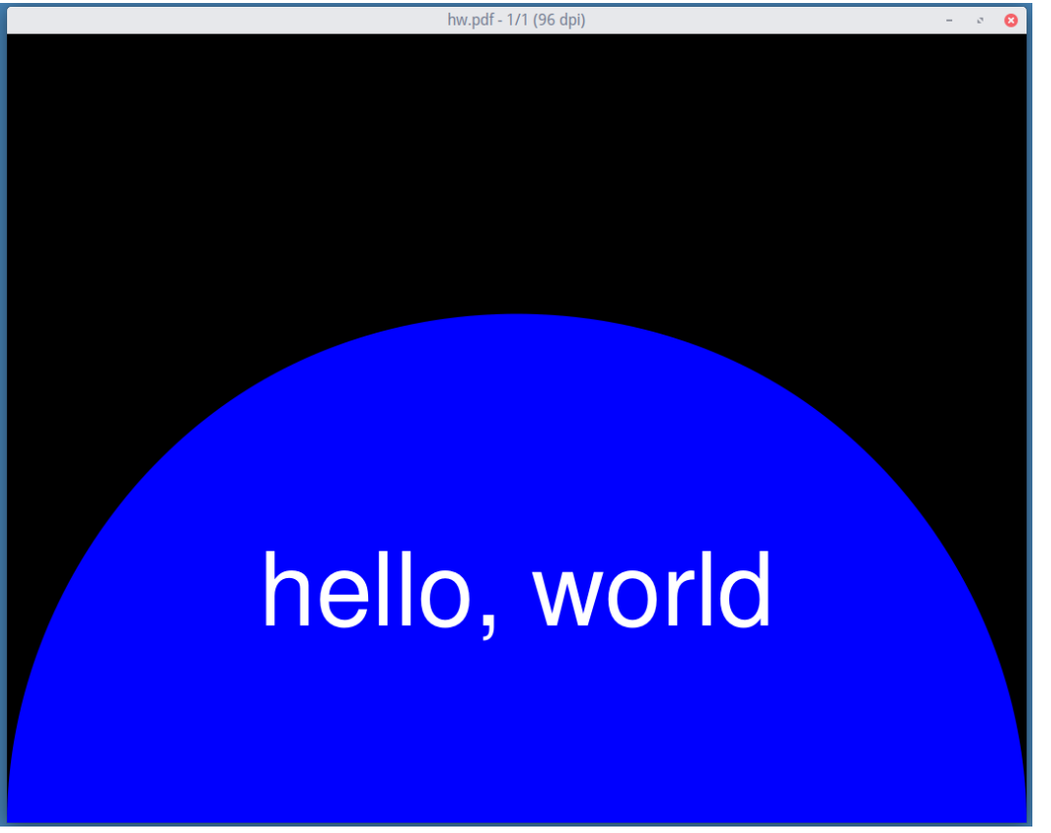
terminal: VSCode

Linux

editor: VSCode

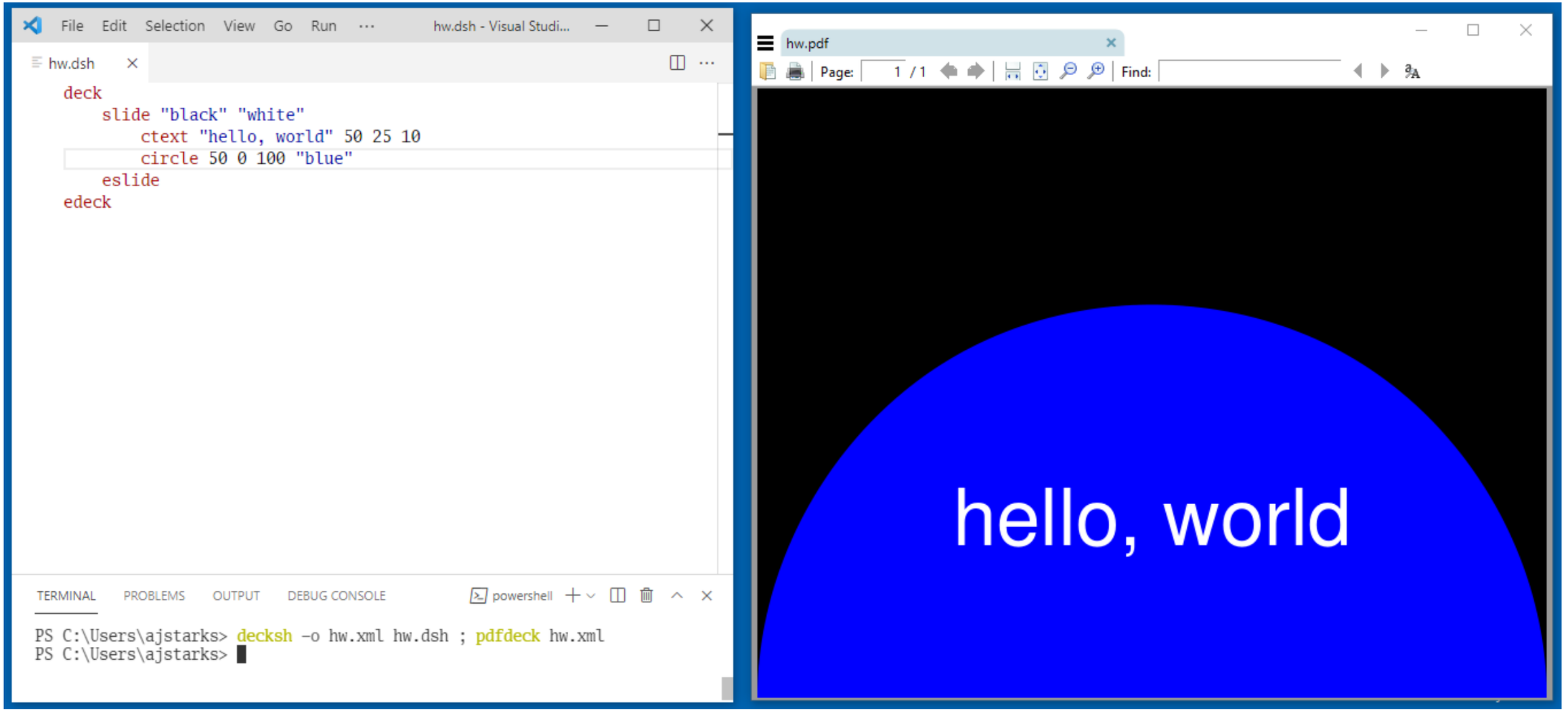
viewer: mupdf



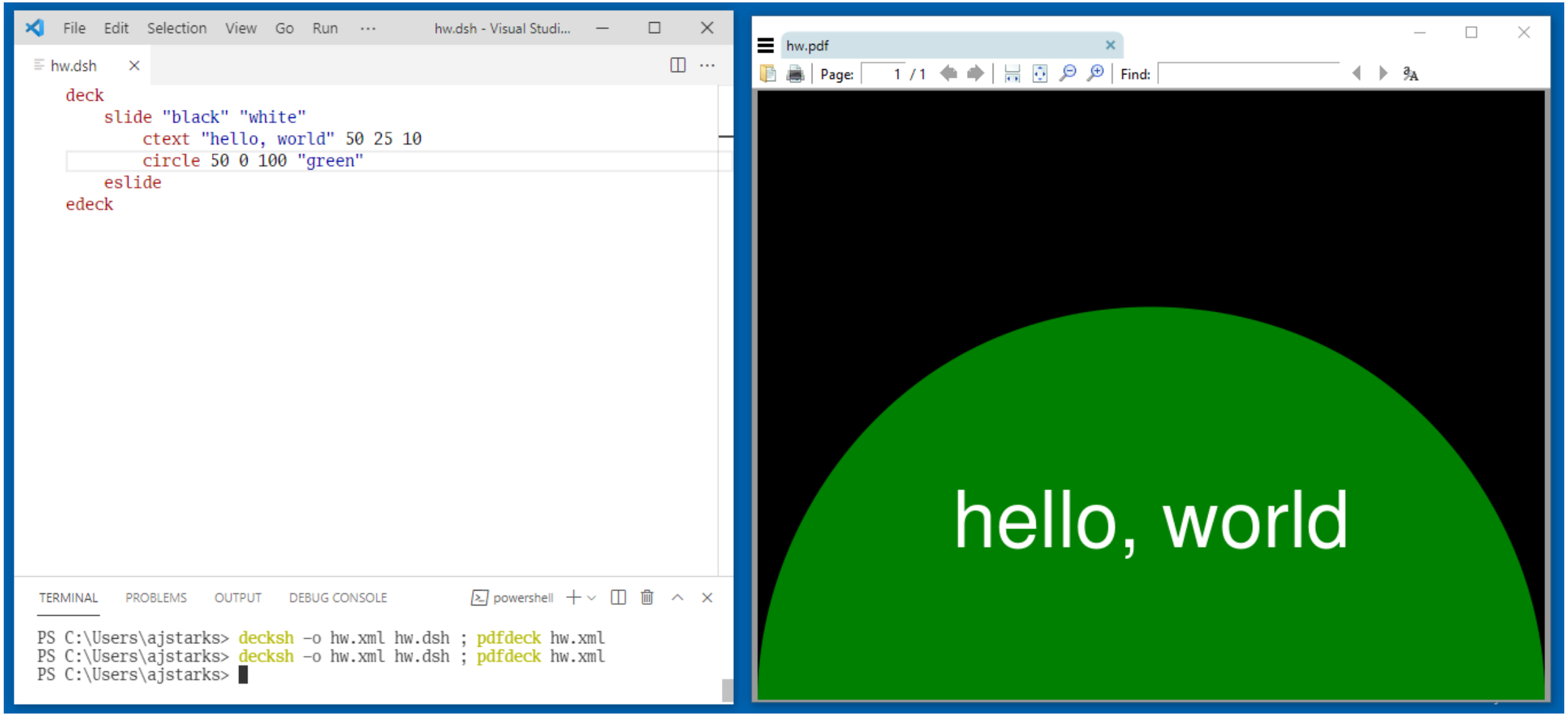


terminal: VSCode

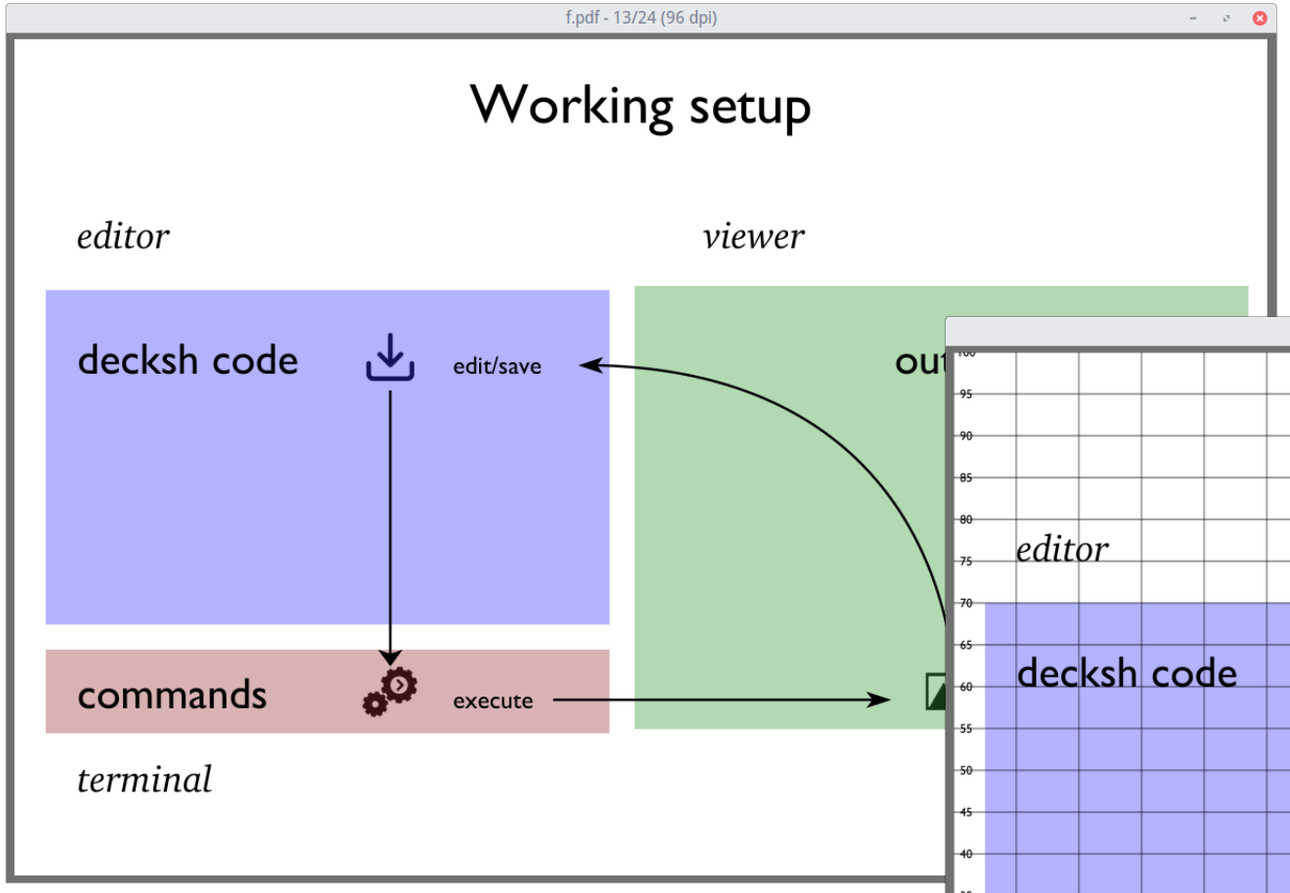
Render


File Edit Selection View Go Run ··· hw.dsh - Visual Studi...
hw.dsh
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>
hw.pdf
Page: 1 / 1
Find:
hello, world

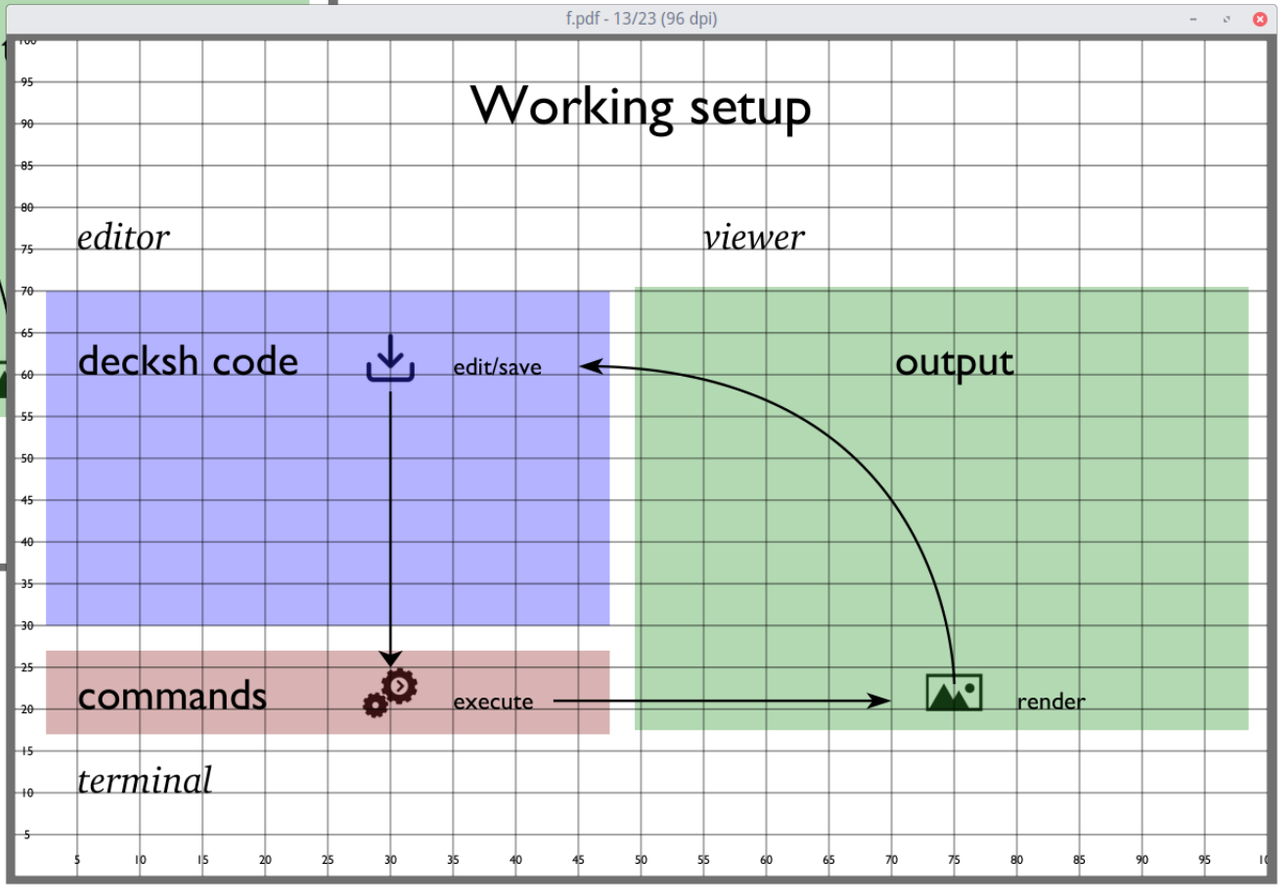
Update


File Edit Selection View Go Run ··· hw.dsh - Visual Studi...
hw.dsh
deck
slide "black" "white"
ctext "hello, world" 50 25 10
circle 50 0 100 "green"
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> decksh -o hw.xml hw.dsh ; pdfdeck hw.xml
PS C:\Users\ajstarks>
hw.pdf
Page: 1 / 1
Find:
hello, world

Using the -grid option



no grid



-grid 5

VSCode setup

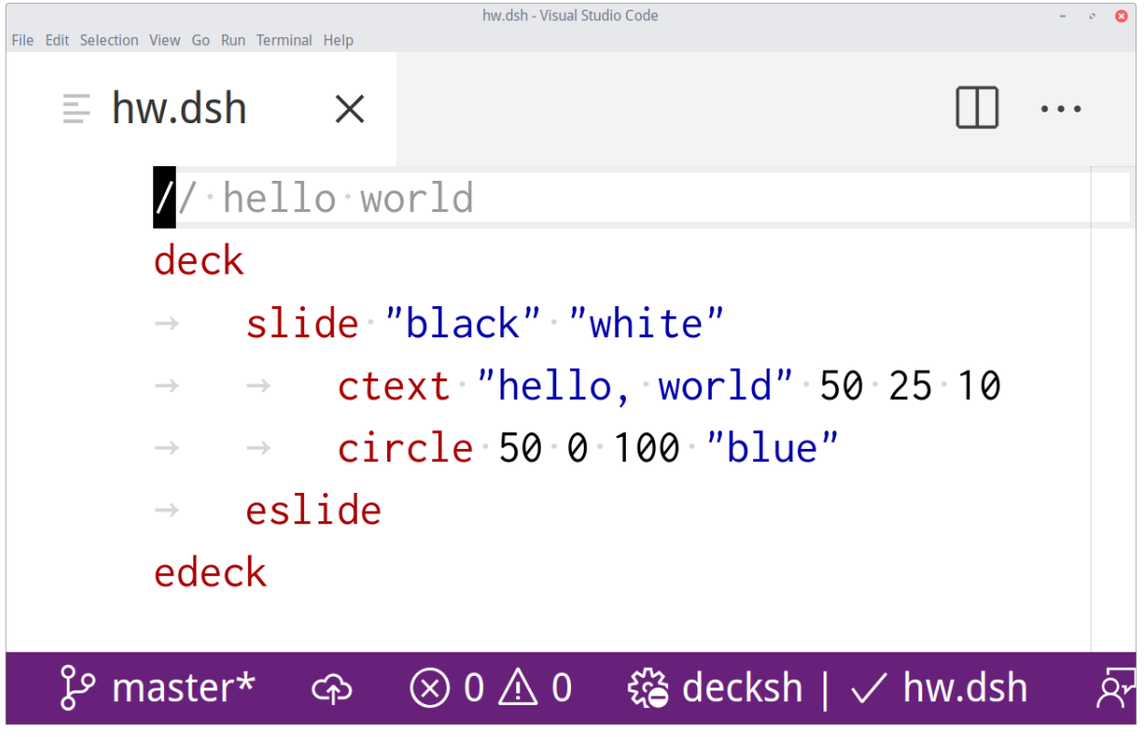
copy this to your settings

```
"editor.tokenColorCustomizations": {
    "textMateRules": [
     {
       "scope": "keyword.other.command.decksh",
       "settings": {
           "foreground": "#AA0000"
       }
    },
    ...
}
```

copy to .vscode/extensions/ajstarks.decksh-1.0.0

https://github.com/ajstarks/decksh/tree/master/vscode

..		
syntax	add textbox as an alternative to textblock	yesterday
README.md	add documentation and testing files	16 months ago
language-configuration.json	add documentation and testing files	16 months ago
package.json	add documentation and testing files	16 months ago

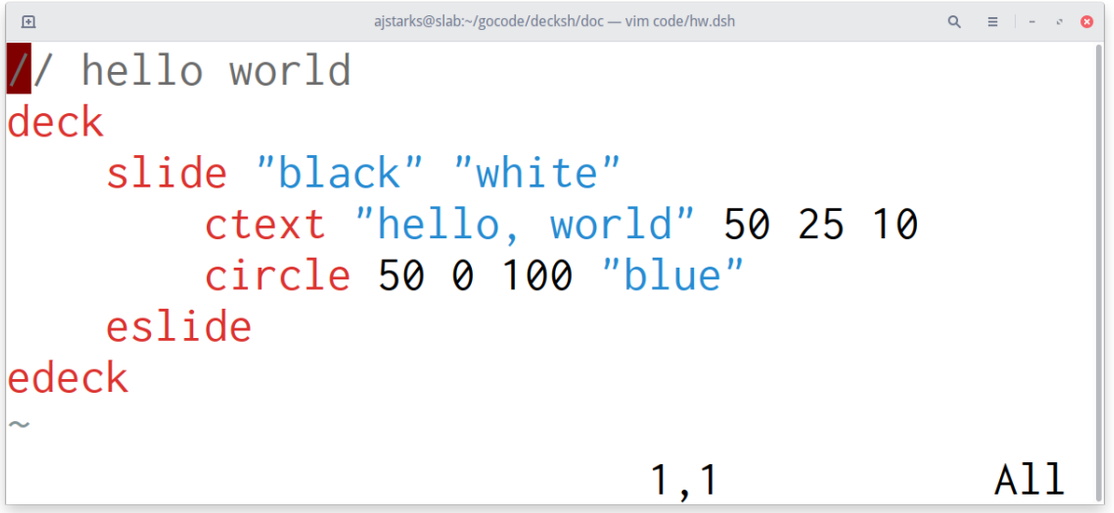


vim setup

copy to .vim

https://github.com/ajstarks/decksh/tree/master/vim

..		
ftdetect	add vim support	2 minutes ago
syntax	add vim support	2 minutes ago



The command line

decksh command usage

`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

command examples

```
decksh -o file.xml file.dsh; pdfdeck file.xml
```

process file.dsh to file.xml to file.pdf

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

Pipe the output from decksh, making output.pdf

```
pdfdeck -pagesize 1920,1080 -pages 10-20 -grid 5 file.xml
```

render pages 10-20 to file.pdf, page size of 1920 (width) x 1080 (height) pixels, on a 5% grid

```
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

```
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