

HTML/CSS/JS

web front-end workshop



basics of web & git

request,



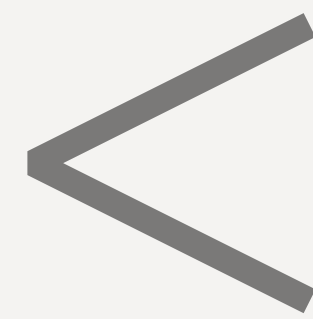
response.

(this is you.) **request,**

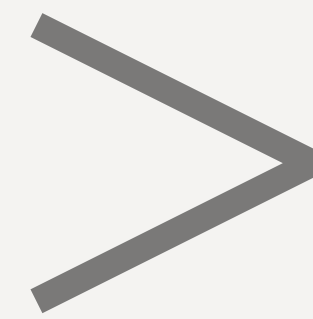


response. *(and this is the website.)*

request,



a bunch of stuff you don't
really need to know for now



response.





HTML = contents.

welcome errbody

welcome errbody to da workshop

(rendered HTML)

(it usually does not really look like this though)

(raw HTML)

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>welcome errbody</title>
</head>
<body>
<h1>welcome errbody</h1>
<p>welcome errbody to da workshop</p>
</body>
</html>
```



welcome errbody

welcome errbody to da workshop

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>welcome errbody</title>
```

```
</head>
```

```
<body>
```

```
<h1>welcome errbody</h1>
```

```
<p>welcome errbody to da workshop</p>
```

```
</body>
```

```
</html>
```



welcome errbody

welcome errbody to da workshop

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welcome errbody

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welcome errbody

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</body>
</html>
```



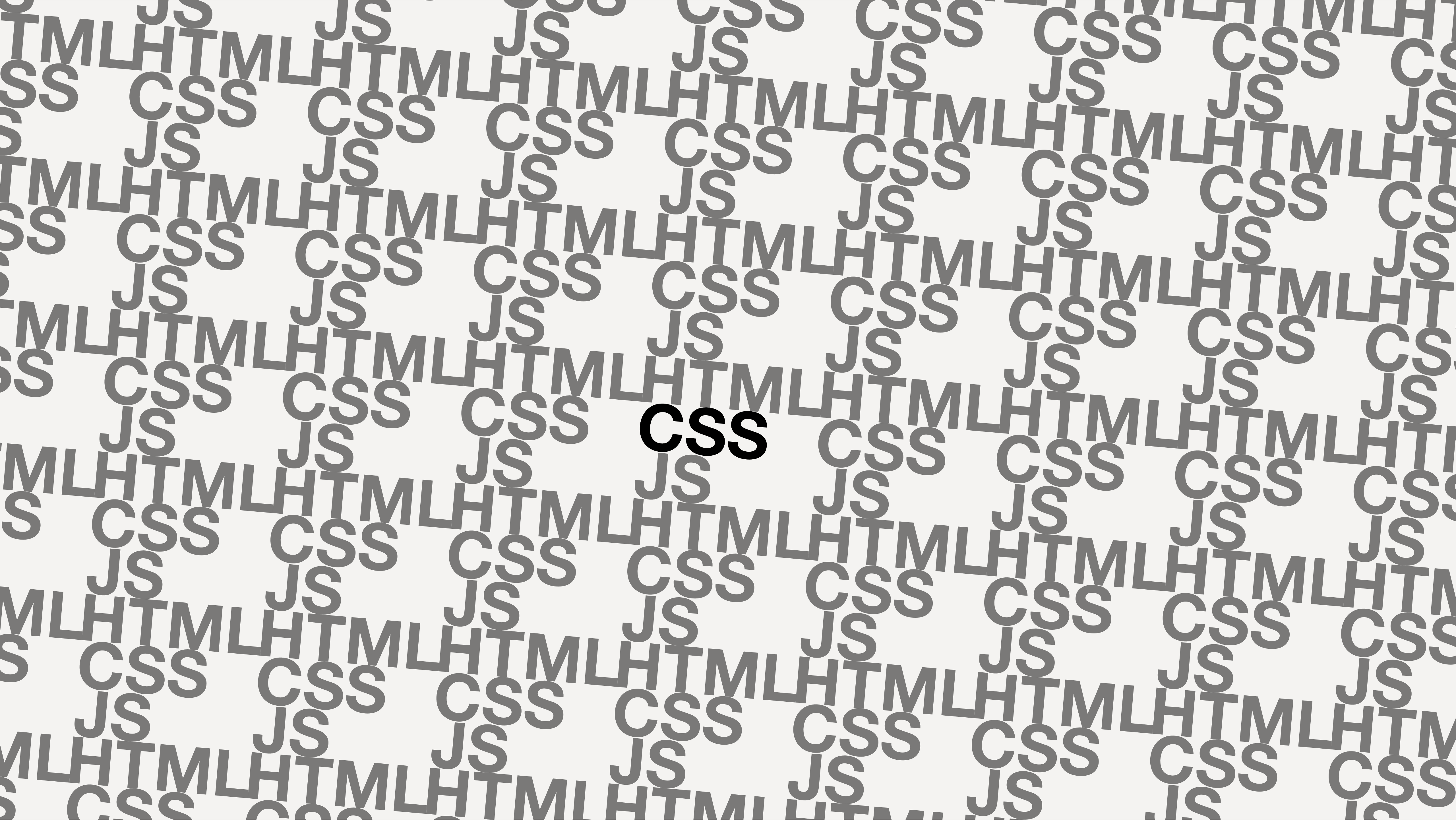
welcome errbody

welcome errbody to da workshop

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
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</head>
<body>
<h1>welcome errbody</h1>
<p>welcome errbody to da workshop</p>
</body>
</html>
```



HTML = contents.
(and structure)



CSS

CSS = style / layout.

(HTML from earlier)

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>welcome errbody</title>
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<body>
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</body>
</html>
```



welcome errbody

welcome errbody to da workshop

(rendered HTML)
(we'll make this prettie..r..?)

welcome errbody

welcome errbody to da workshop

(BOOM)

(styled HTML)

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>welcome errbody</title>
<link rel="stylesheet" href="style.css">
</head>
<body>
<h1>welcome errbody</h1>
<p>welcome errbody to da workshop</p>
</body>
</html>
```



(now it's style.css file)

```
* {  
  font-family: "Helvetica Neue";  
  font-weight: 700;  
  background-color: hsl(40, 10%, 95%);  
  color: #000000;  
}
```

```
h1 {  
  font-size: 72px;  
  font-style: italic;  
  background-color: hsl(0, 100%, 50%);  
}
```

```
p {  
  font-size: 36px;  
  background-color: hsl(0, 90%, 95%);  
}
```

welcome errbody

welcome errbody to da workshop



```
* {  
  font-family: "Helvetica Neue";  
  font-weight: 700;  
  background-color: hsl(40, 10%, 95%);  
  color: #000000;  
}
```

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h1 {  
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}
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p {  
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welcome errbody

welcome errbody to da workshop



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welcome errbody

welcome errbody to da workshop



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h1 {  
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  background-color: hsl(0, 100%, 50%);  
}
```

```
p {  
  font-size: 36px;  
  background-color: hsl(0, 90%, 95%);  
}
```

welcome errbody

welcome errbody to da workshop



CSS = style / layout.

(we'll learn more 'bout layout laterz)



JS

JS = dynamic... stuff.

JS = dynamic... stuff.

(change and do things during runtime)

welcome errbody

welcome errbody to da workshop

(let's make this DYNAMIC)

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>welcome errbody</title>
<link rel="stylesheet" href="style.css">
<script src="script.js"></script>
</head>
<body>
<h1 id="title">welcome errbody</h1>
<p id="content">welcome errbody to da workshop</p>
</body>
</html>
```


welcome errbody

**welcome errbody to da workshop
today iz 2018. 1. 8.**

(result)

(we'll go through the script, step-by-step)

(now it's script.js file)



let titleElement

let contentElement

```
window.addEventListener('load', () => {  
  titleElement = document.querySelector('#title')  
  contentElement = document.querySelector('#content')  
  titleElement.style.backgroundColor = `rgb(${Math.random() * 255}, 0, 0)`  
  contentElement.innerText += ` \ntoday iz ${new Date().toLocaleDateString("kr")}`  
})
```

welcome errbody

welcome errbody to da workshop

*(tell the browser to
run the code inside '() => {}'
once the document finishes loading)*

=

let titleElement

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```
window.addEventListener('load', () => {  
  titleElement = document.querySelector('#title')  
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  contentElement.innerText += ` \ntoday iz ${new Date().toLocaleDateString("kr")}`  
})
```

welcome errbody

welcome errbody to da workshop

*(make variables that
refer to the HTML counterparts)*

=

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  titleElement.style.backgroundColor = `rgb(${Math.random() * 255}, 0, 0)`  
  contentElement.innerText += ` \ntoday iz ${new Date().toLocaleDateString("kr")}`  
})
```

welcome errbody

welcome errbody to da workshop

(255, 0, 255)

(make title's background randomly pink-ish)
(it will change each time you visit the document)

=

let titleElement

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window.addEventListener('load', () => {  
  titleElement = document.querySelector('#title')  
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  titleElement.style.backgroundColor = `rgb(255, 0, ${Math.random() * 255})`  
  contentElement.innerText += ` \ntoday iz ${new Date().toLocaleDateString("kr")}`  
})
```

welcome errbody

welcome errbody to da workshop

(255, 0, 20)

(make title's background randomly pink-ish)
(it will change each time you visit the document)

==

let titleElement

let contentElement

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window.addEventListener('load', () => {  
  titleElement = document.querySelector('#title')  
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  titleElement.style.backgroundColor = `rgb(255, 0, ${Math.random() * 255})`  
  contentElement.innerText += ` \ntoday iz ${new Date().toLocaleDateString("kr")}`  
})
```

welcome errbody

welcome errbody to da workshop

(255, 0, 121)

(make title's background randomly pink-ish)
(it will change each time you visit the document)

=

let titleElement

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  contentElement.innerText += ` \ntoday iz ${new Date().toLocaleDateString("kr")}`  
})
```

welcome errbody

welcome errbody to da workshop

today iz 2018. 1. 8.

(put date in the content)

==

let titleElement

let contentElement

```
window.addEventListener('load', () => {  
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  contentElement.innerText += `\\ntoday iz ${new Date().toLocaleDateString("kr")}`  
})
```

JS = dynamic... stuff.

(change and do things during runtime)

basics of HTML

<h1 id="website-title">My Website</h1>

(things like this are called 'html elements')

```
<h1 id="website-title">My Website</h1>
```

```
<h1 id="website-title">My Website</h1>
```

<h1 id="website-title">My Website</h1>

most-used elements

<title>YOUR TITLE HERE</title>

<p>A paragraph goes here, like a whole paragraph. Following is just a jibberish. Lorem ipsum dolor amet sriracha slow-carb distillery, bushwick hella prism cliché brooklyn jean shorts. Narwhal pinterest hammock ennui, locavore air plant umami kitsch meh.</p>

<div>

...**<p>**A paragraph goes here, like a whole paragraph. Following is just a jibberish. Lorem ipsum dolor amet sriracha slow-carb distillery, bushwick hella prism cliché brooklyn jean shorts. Narwhal pinterest hammock ennui, locavore air plant umami kitsch meh.**</p>**...

</div>

<article>

...<p>A paragraph goes here, like a whole paragraph. Following is just a jibberish. Lorem ipsum dolor amet sriracha slow-carb distillery, bushwick hella prism cliché brooklyn jean shorts. Narwhal pinterest hammock ennui, locavore air plant umami kitsch meh.</p><p>...</p>...

</article>

<article><section>

...<p>A paragraph goes here, like a whole paragraph. Following is just a jibberish. Lorem ipsum dolor amet sriracha slow-carb distillery, bushwick hella prism cliché brooklyn jean shorts. Narwhal pinterest hammock ennui, locavore air plant umami kitsch meh.</p><p>...</p>...

</section><section>...</section>...</article>

NAVER

(some elements don't have closing tag)

```
<figure>  
    
  <figcaption>DESCRIPTION</figcaption>  
</figure>
```

<ul id="shopping-list">

Milk

Eggs

Onions

- Milk

- Eggs

- Onions

```
<ol id="todo-list">
```

```
<li>Go shopping</li>
```

```
<li>Cook something</li>
```

```
<li>Idk lol</li>
```

```
</ol>
```

1. Go shopping
2. Cook something
3. Idk lol

**there are tons of elements
you don't need to know 'em all**

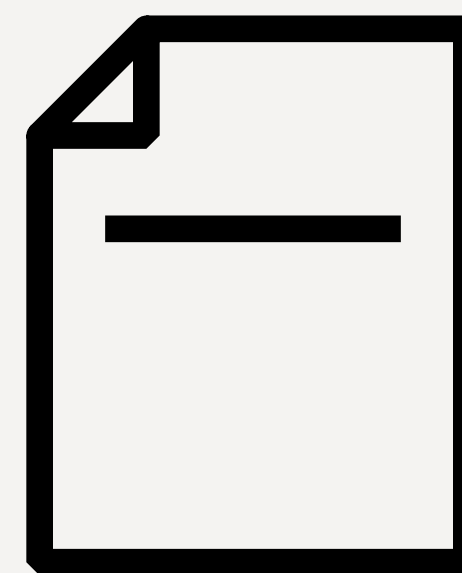
(just google it)

developer.mozilla.org

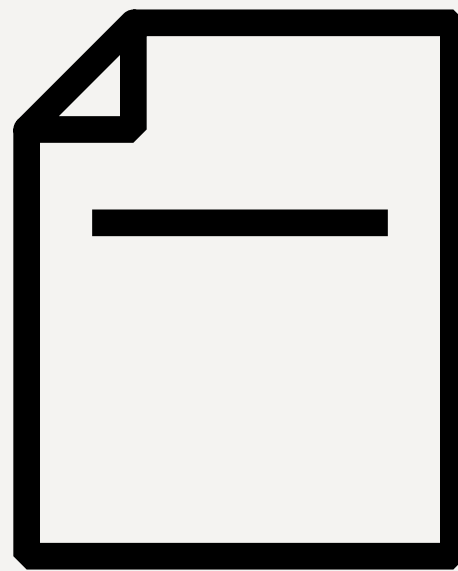
MDN; mozilla developer network

git

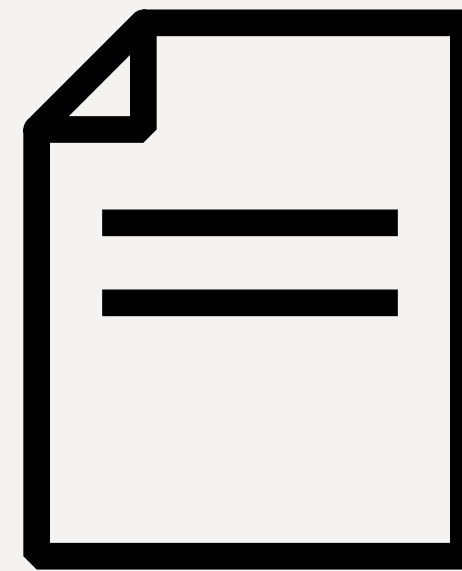
git = version control system



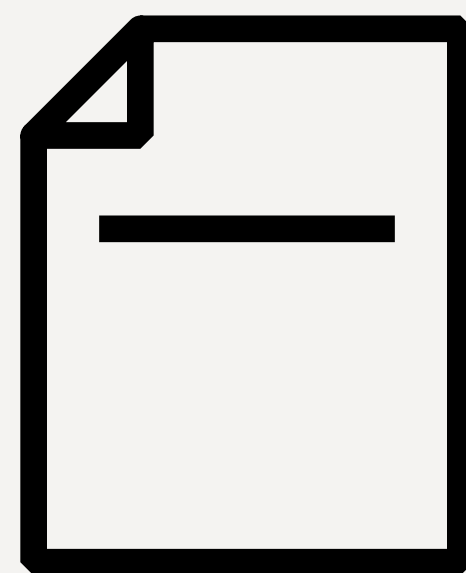
draft.ai



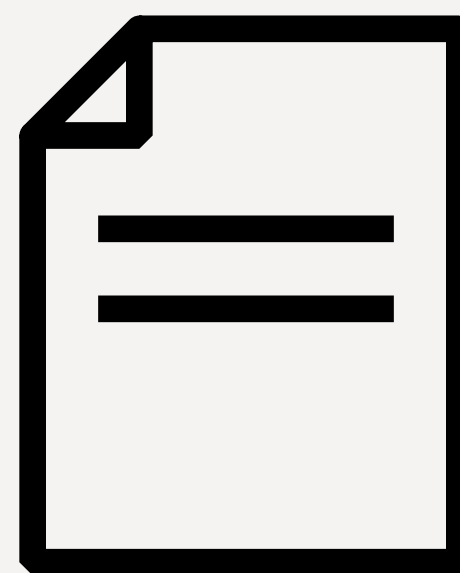
draft.ai



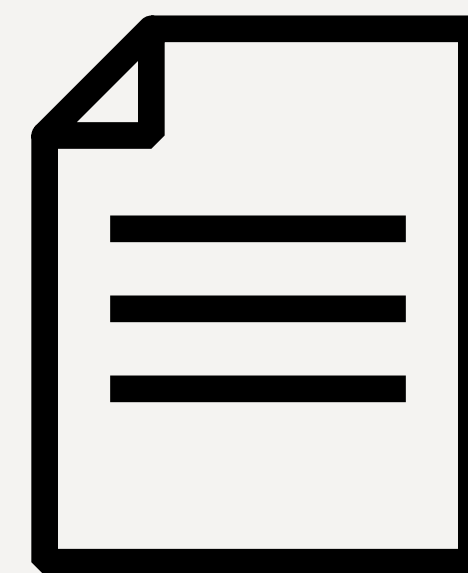
draft2.ai



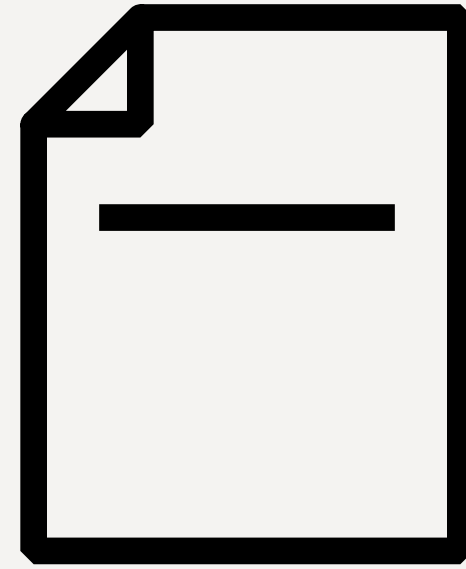
draft.ai



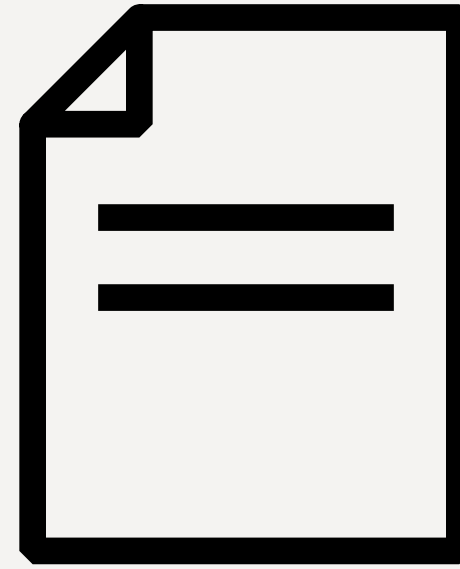
draft2.ai



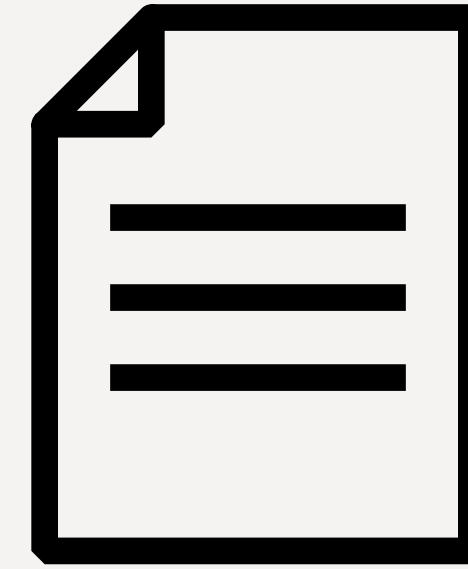
draft3.ai



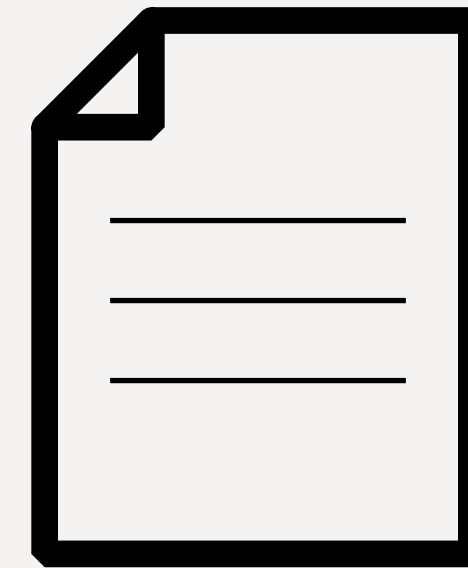
draft.ai



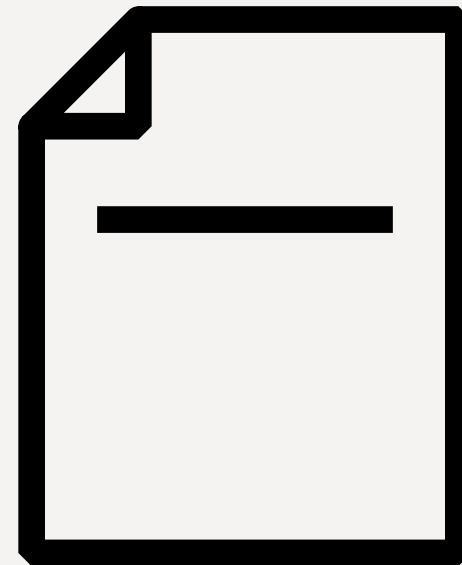
draft2.ai



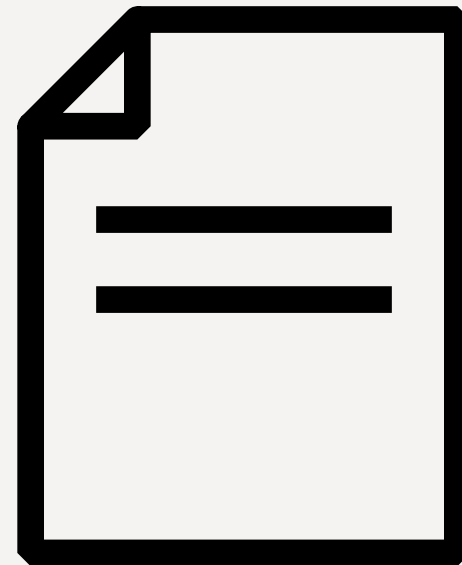
draft3.ai



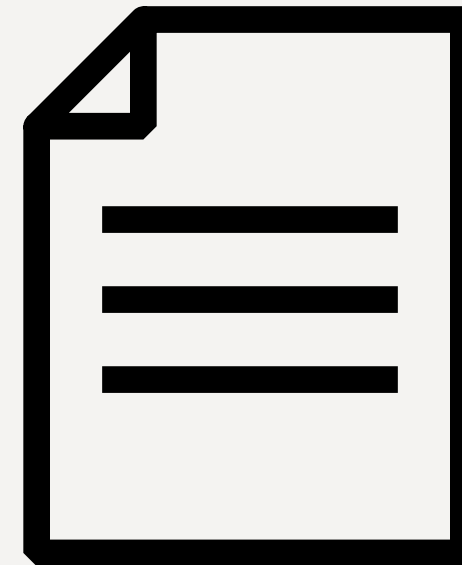
draft3-1.ai



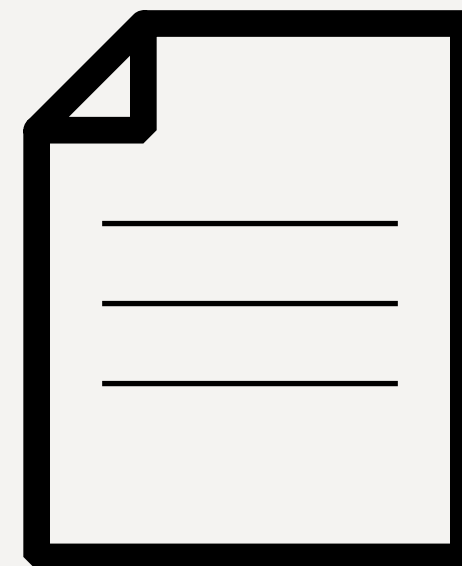
draft.ai



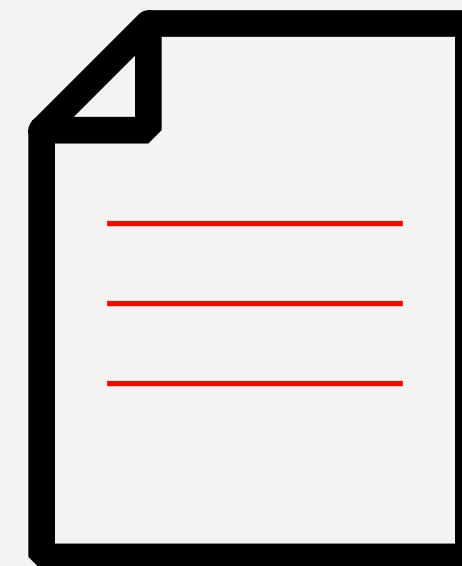
draft2.ai



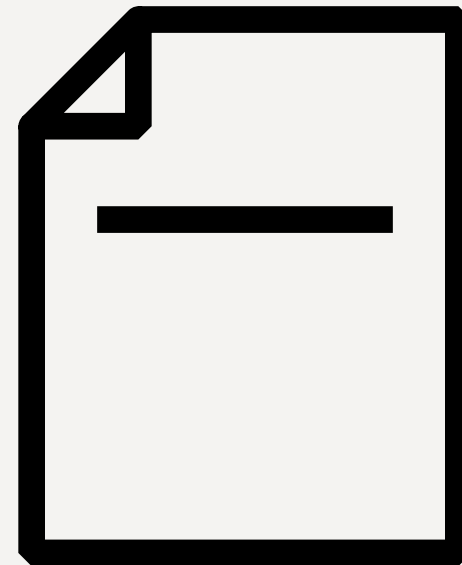
draft3.ai



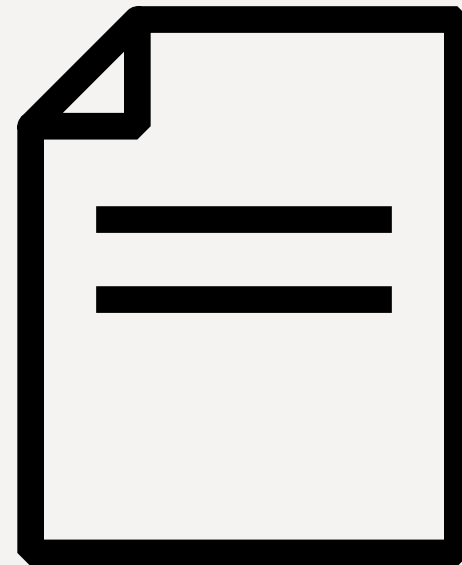
draft3-1.ai



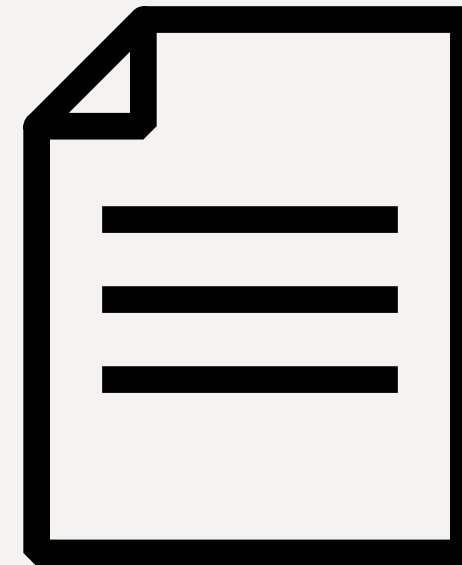
draft3-2.ai



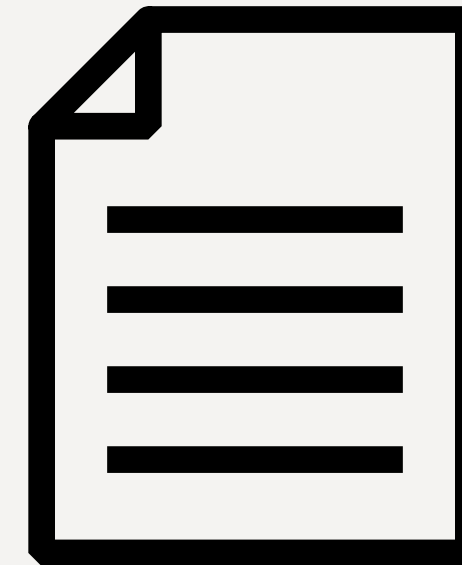
draft.ai



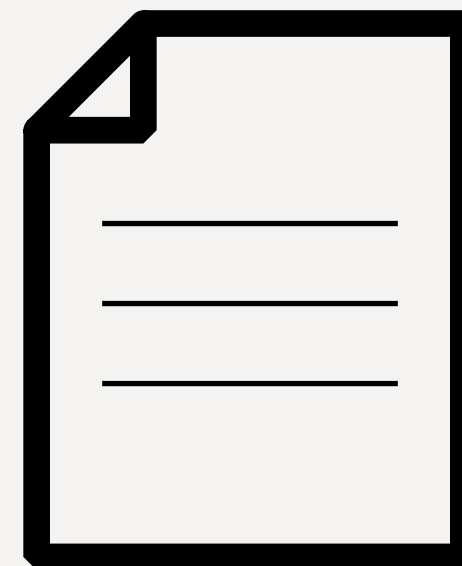
draft2.ai



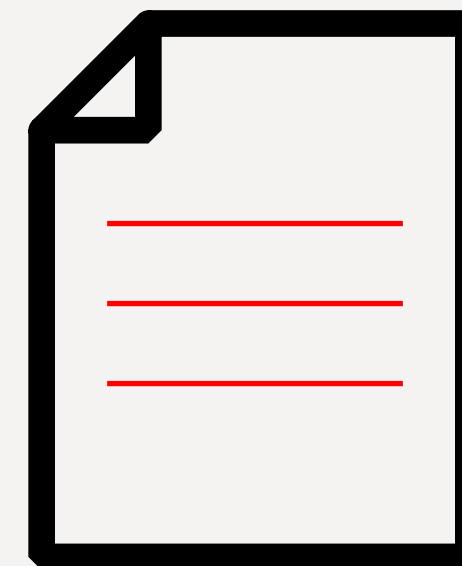
draft3.ai



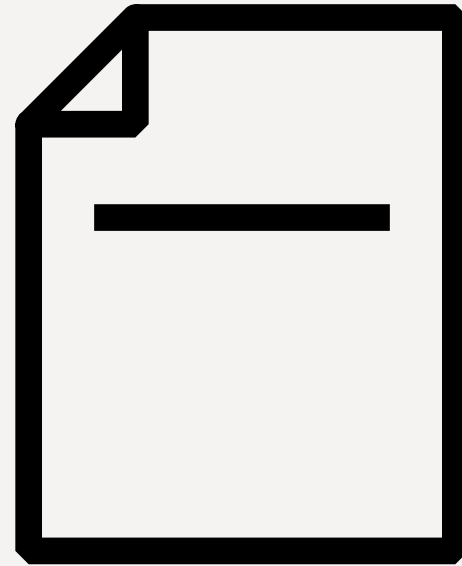
draft4.ai



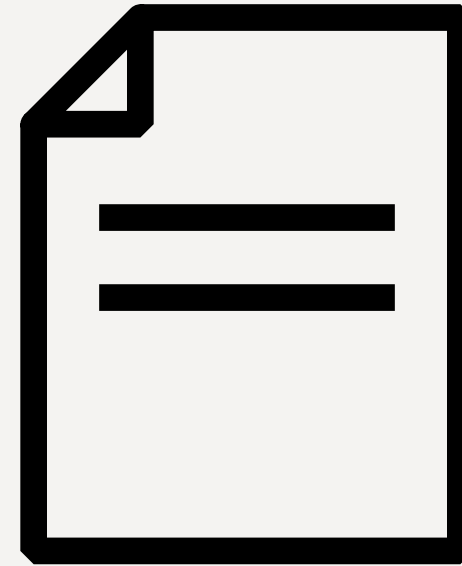
draft3-1.ai



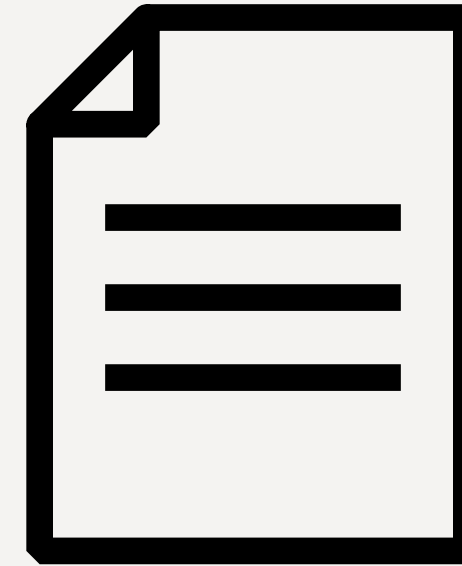
draft3-2.ai



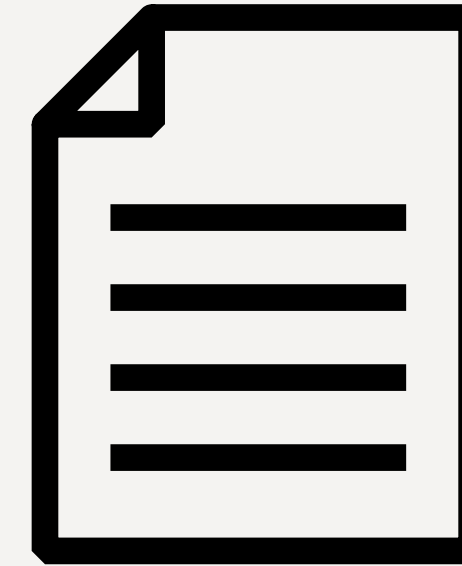
draft.ai



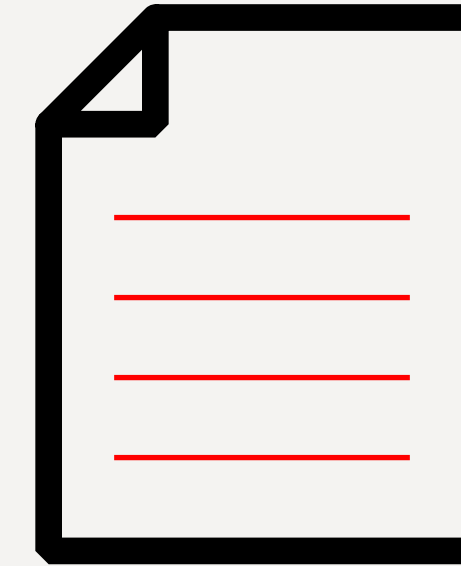
draft2.ai



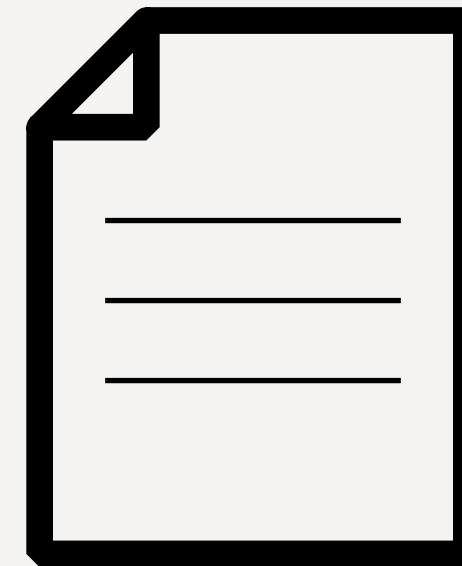
draft3.ai



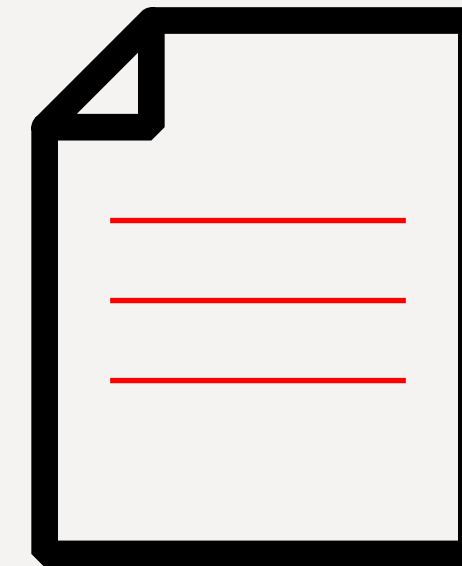
draft4.ai



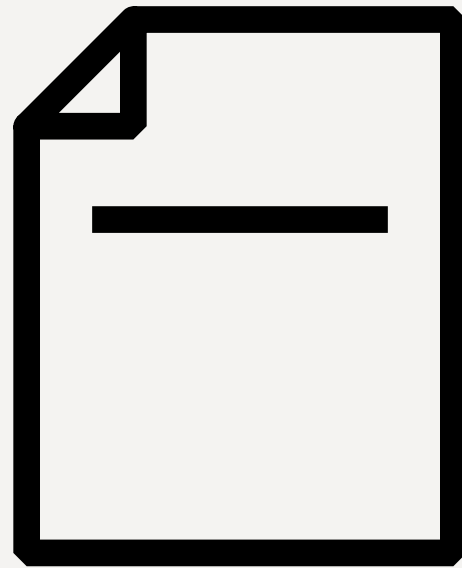
final.ai



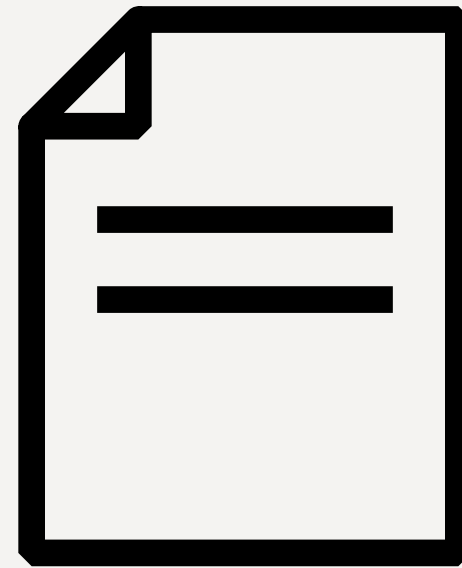
draft3-1.ai



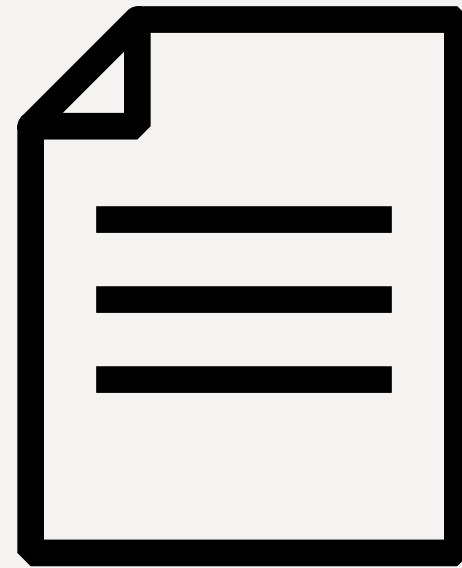
draft3-2.ai



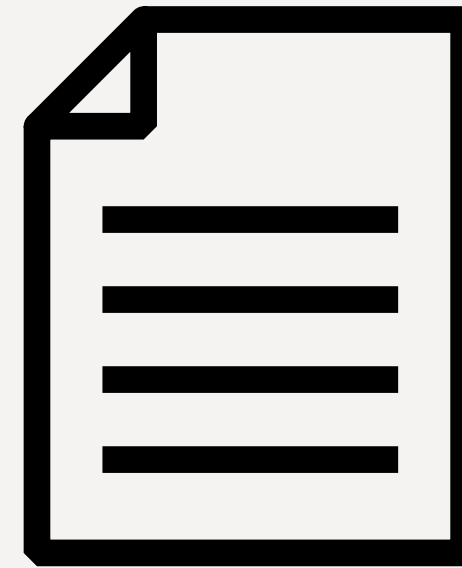
draft.ai



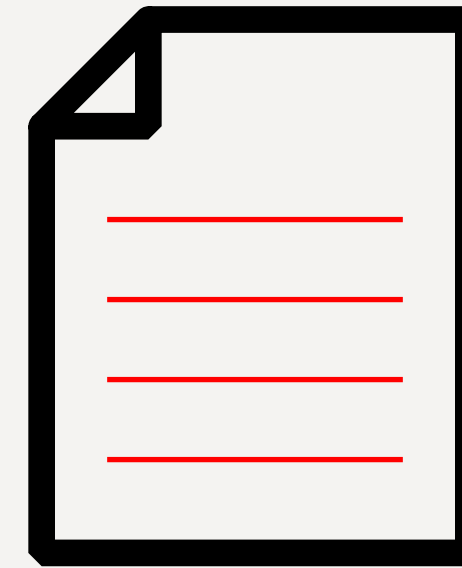
draft2.ai



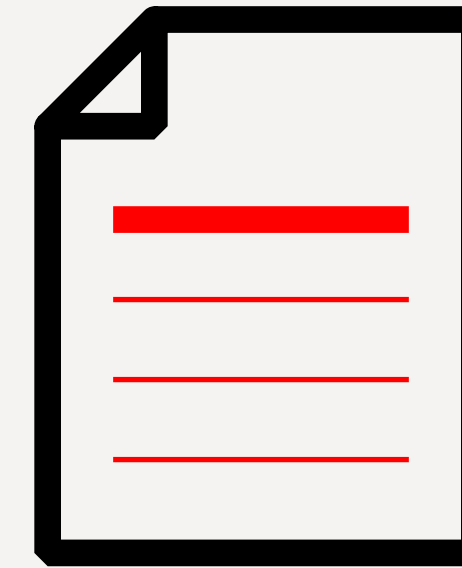
draft3.ai



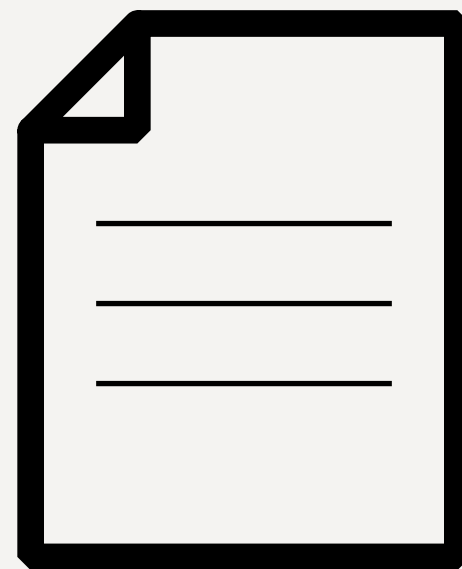
draft4.ai



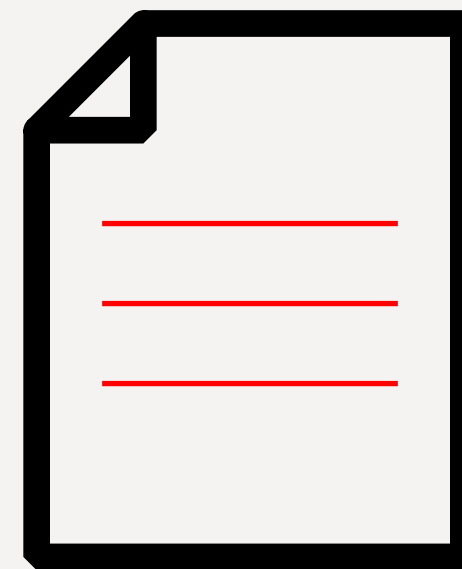
final.ai



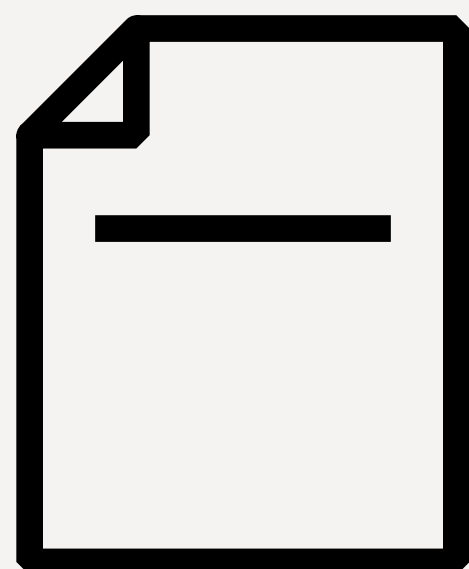
realfinal.ai



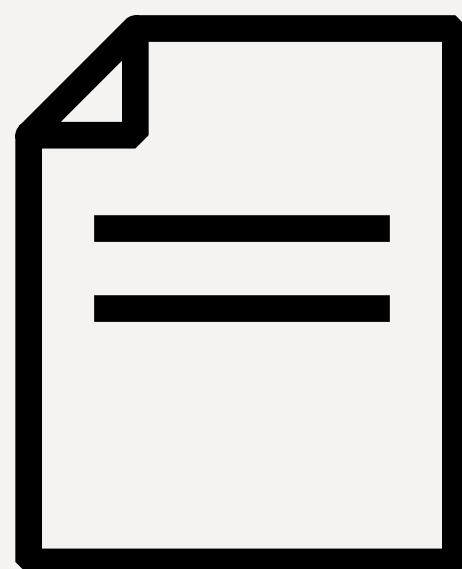
draft3-1.ai



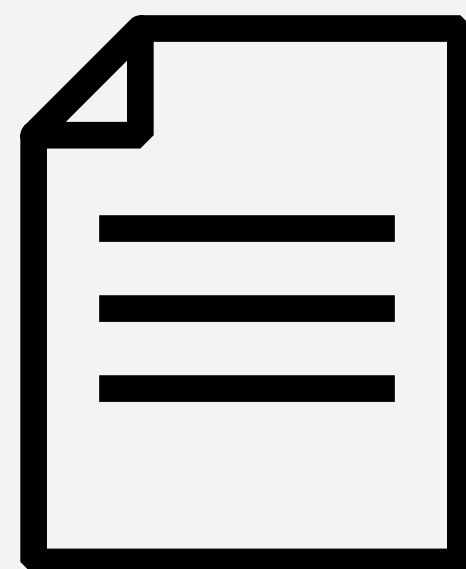
draft3-2.ai



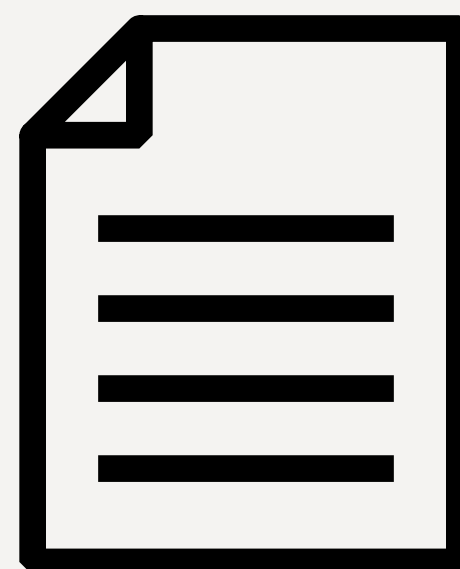
draft.ai



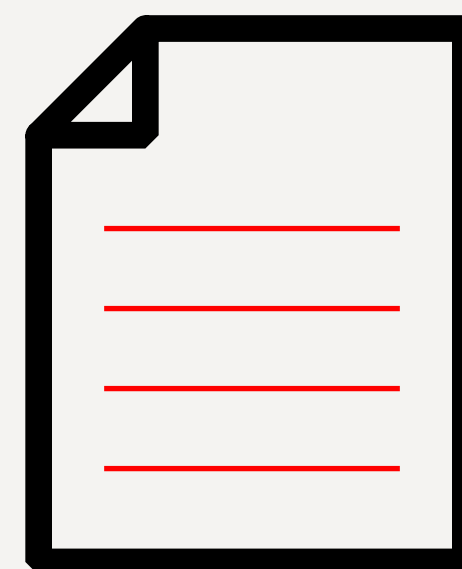
draft2.ai



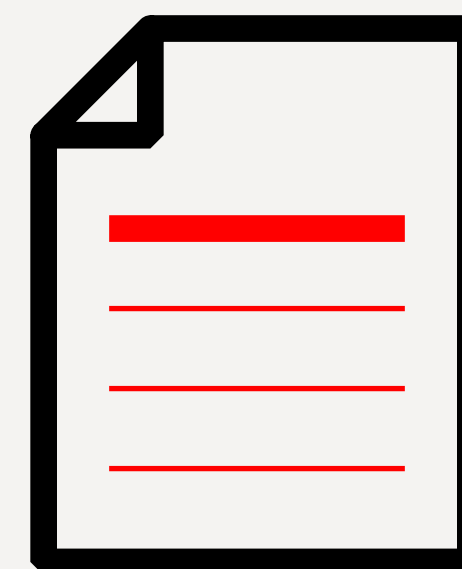
draft3.ai



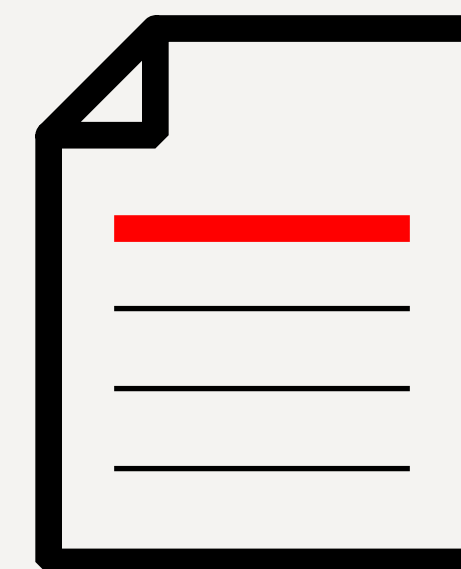
draft4.ai



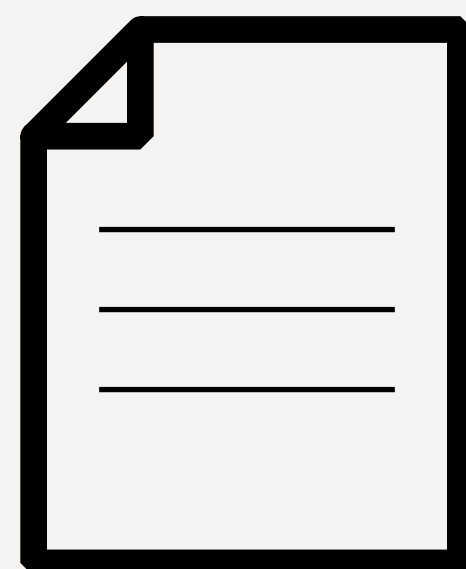
final.ai



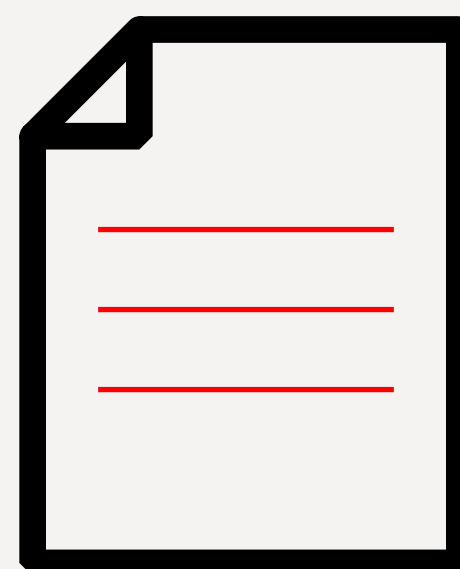
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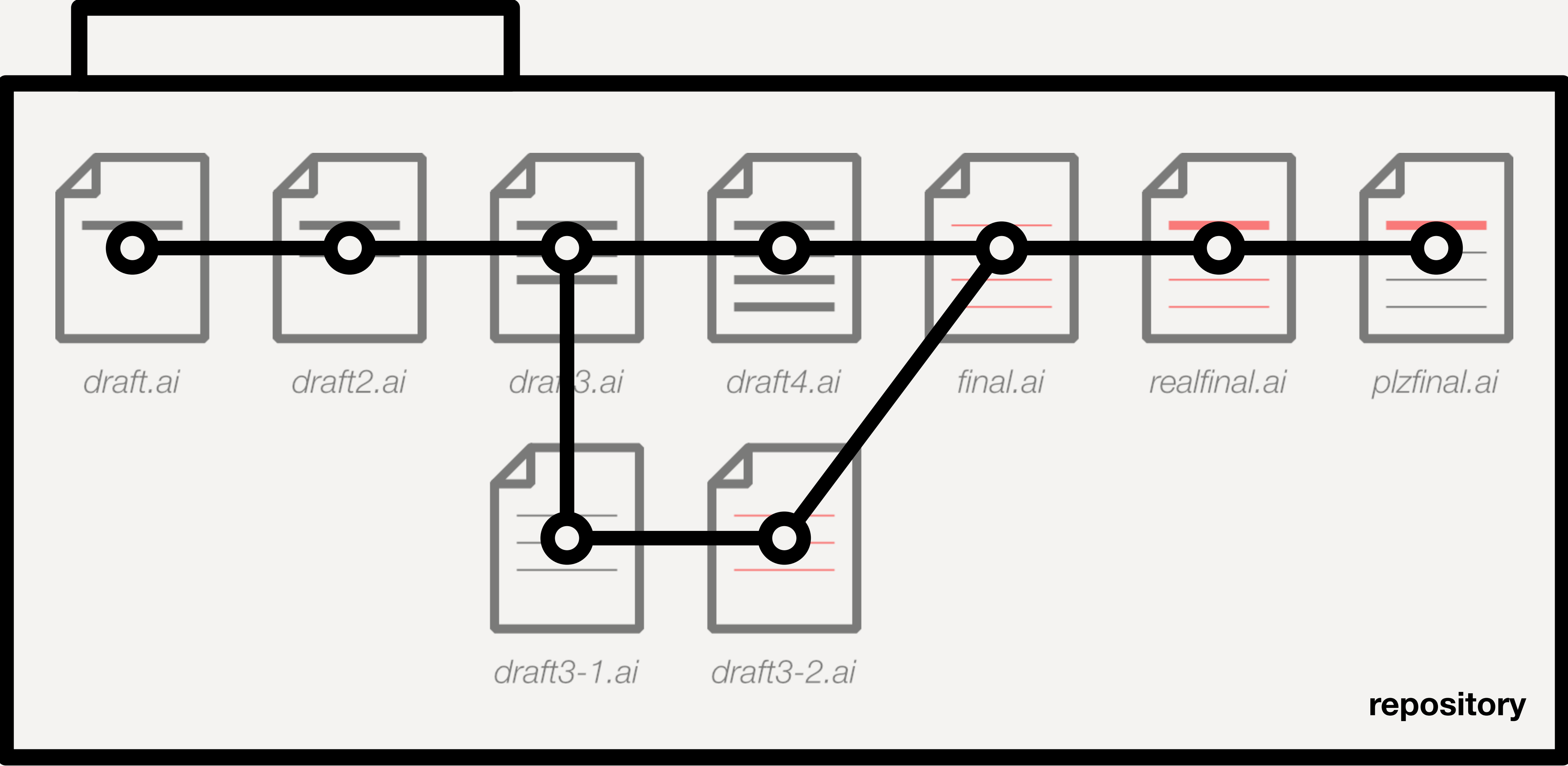
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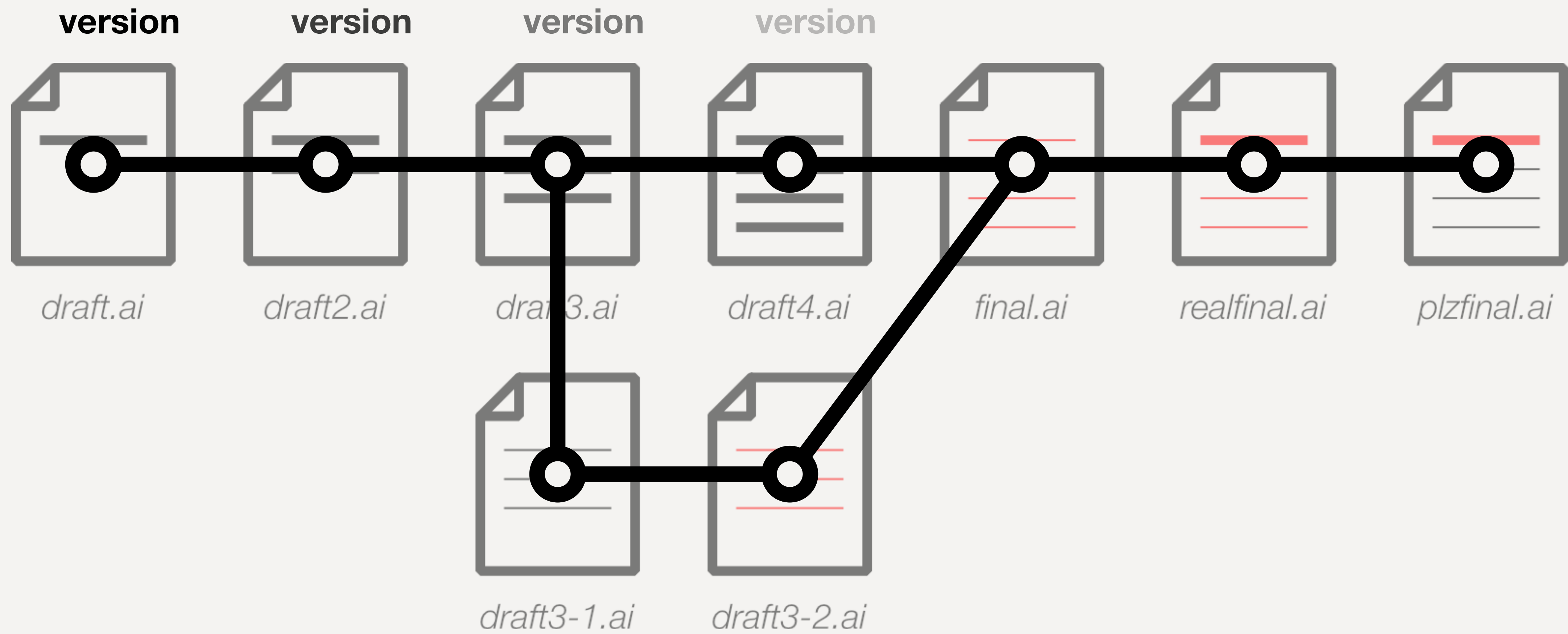


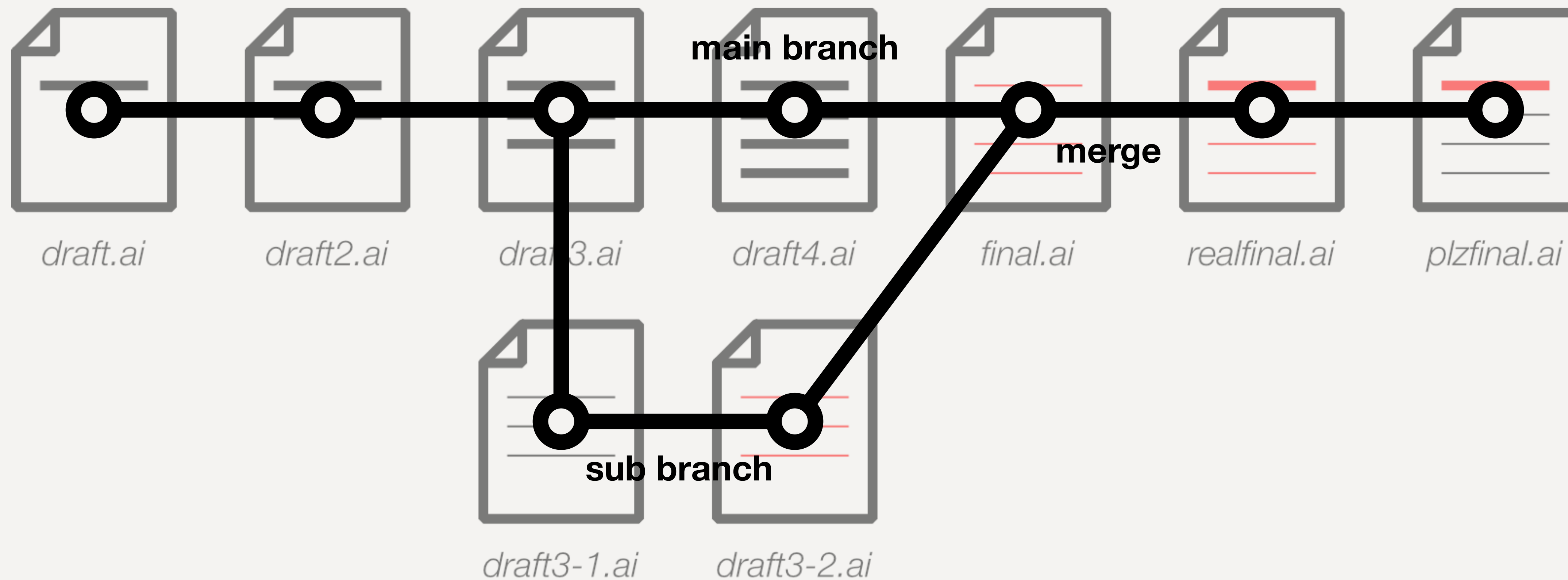
draft3-1.ai



draft3-2.ai







git = version control system

demo.

exercise.
make a fanpage.

assignment.
improve your fanpage.