

# Läsa filer

- Globala objektet [Deno](#) (även benämnt som ett *namespace*)
- **API:** [Deno.readFileSync\(path: string\): string](#)
  - **A**pplication **P**rogramming **I**nterface
  - Beskriver *vad* och *hur* vi kan interagera med någonting (Deno i vårt fall)
  - [Det finns många olika sätt att läsa filer på](#)



```
1  const filename = "people.txt"
2  const people = Deno.readFileSync(filename);
3
4  console.log("These are the people we have saved:");
5  console.log(people);
```

# Dokumentation

`Deno.readFileSync(path: string): string`

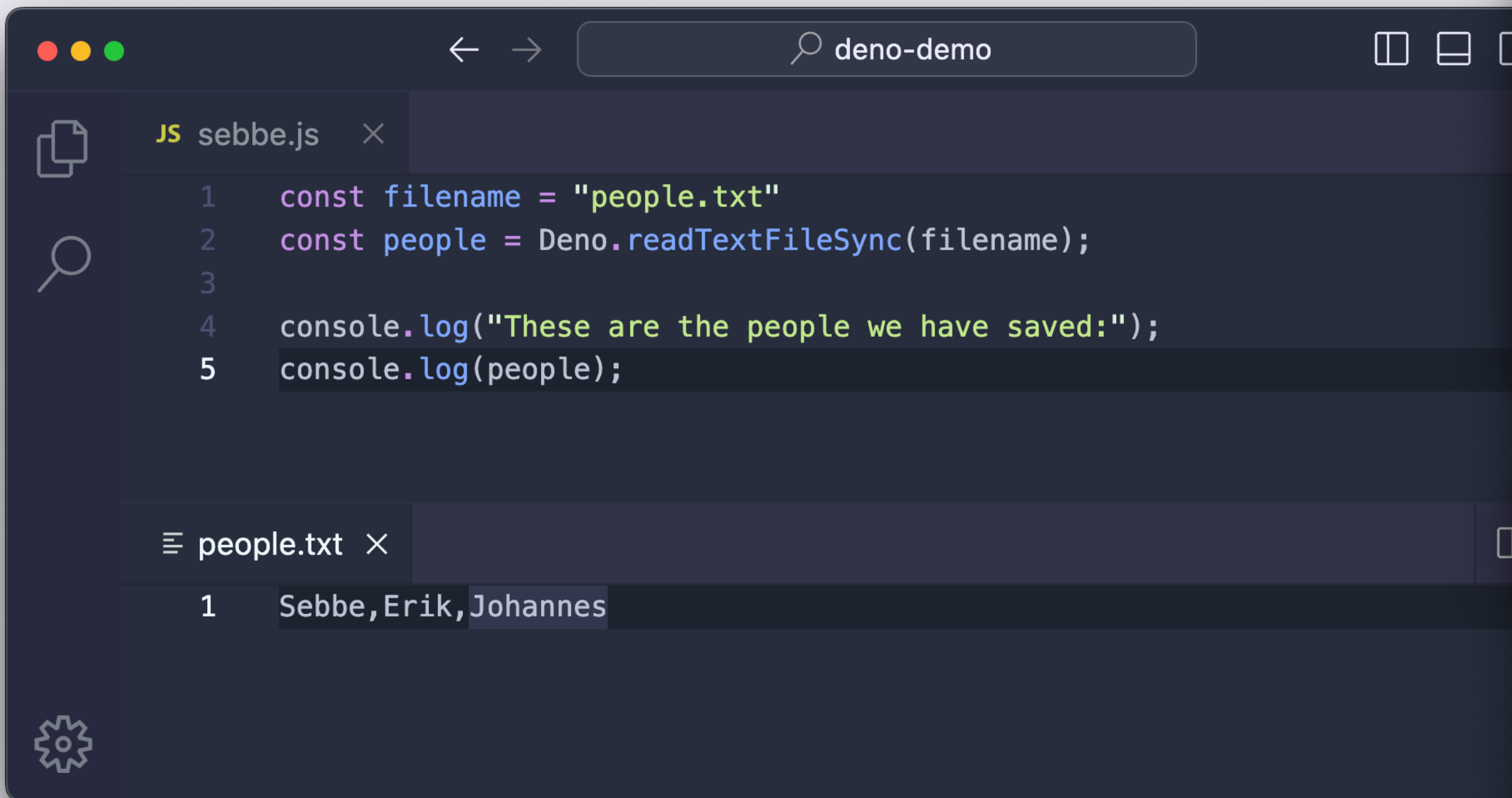
Funktionen tar emot 1 argument, *path* (en sträng)

Funktionen returnerar en sträng

- Det finns *typer* för alla situationer, t.ex.
  - `getAll(name: string): string[]`
  - `close(): void`
  - `consoleSize(): { columns: number; rows: numbers }`
  - `parse(url: string, base?: string): boolean`

# Rättigheter

Med Deno måste vi ange vad vårt program får göra



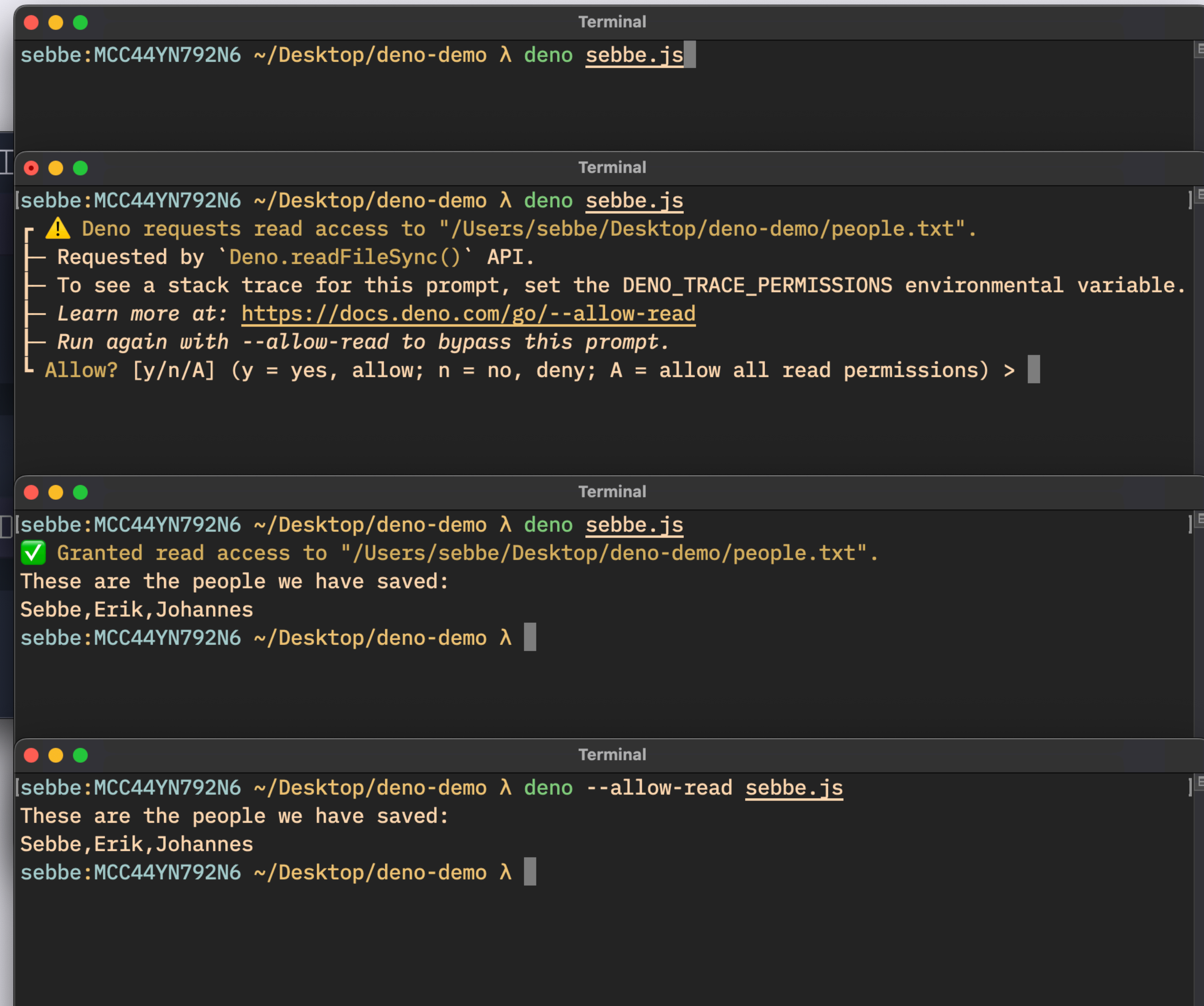
The image shows a VS Code editor window with two files open. The top file is `sebbe.js`, which contains the following code:

```
1 const filename = "people.txt"
2 const people = Deno.readFileSync(filename);
3
4 console.log("These are the people we have saved:");
5 console.log(people);
```

The bottom file is `people.txt`, which contains the following text:

```
1 Sebbe,Erik,Johannes
```

```
$ deno --allow-read sebbe.js
```



The image shows three stacked terminal windows illustrating the execution of the Deno command and the resulting permission prompts.

Terminal 1 (Top):

```
sebbe:MCC44YN792N6 ~/Desktop/deno-demo λ deno sebbe.js
```

Terminal 2 (Middle):

```
sebbe:MCC44YN792N6 ~/Desktop/deno-demo λ deno sebbe.js
[! Deno requests read access to "/Users/sebbe/Desktop/deno-demo/people.txt".
- Requested by `Deno.readFileSync()` API.
- To see a stack trace for this prompt, set the DENO_TRACE_PERMISSIONS environmental variable.
- Learn more at: https://docs.deno.com/go/--allow-read
- Run again with --allow-read to bypass this prompt.
Allow? [y/n/A] (y = yes, allow; n = no, deny; A = allow all read permissions) >
```

Terminal 3 (Bottom):

```
sebbe:MCC44YN792N6 ~/Desktop/deno-demo λ deno sebbe.js
[✓ Granted read access to "/Users/sebbe/Desktop/deno-demo/people.txt".
These are the people we have saved:
Sebbe,Erik,Johannes
sebbe:MCC44YN792N6 ~/Desktop/deno-demo λ
```

Terminal 4 (Bottom):

```
sebbe:MCC44YN792N6 ~/Desktop/deno-demo λ deno --allow-read sebbe.js
These are the people we have saved:
Sebbe,Erik,Johannes
sebbe:MCC44YN792N6 ~/Desktop/deno-demo λ
```