

Homework-7

Update your VM

- Update your VM:
 - 1. by pulling the latest version of GitHub
 - 2. Run “\$ vagrant up --provision”

25.1

- If you want to use an other database then SQLite3 please make a PR

27.1 (1)

- Generators (iterators) can be found in different languages, for example:

```
function *foo() {  
    // ..  
}
```

- JavaScript (ES6):
- Java: iterator interface

27.1 (2)

- “Data is available in streams, rather than as a complete whole”

```
def characters(filename):
    for line in open(filename):
        for c in line:
            yield c

def all_words(filename):
    start_char = True
    for c in characters(filename):
        if start_char == True:
            word = ""
            if c.isalnum():
                # We found the start of a word
                word = c.lower()
                start_char = False
            else: pass
        else:
            if c.isalnum():
                word += c.lower()
            else:
                # We found end of word, emit it
                start_char = True
                yield word
```

General comments

- Use the VM to test your code!
- Add dependencies, like “npm install <dep>”, to the build script.
- Follow the instructions in the assignment on the website.