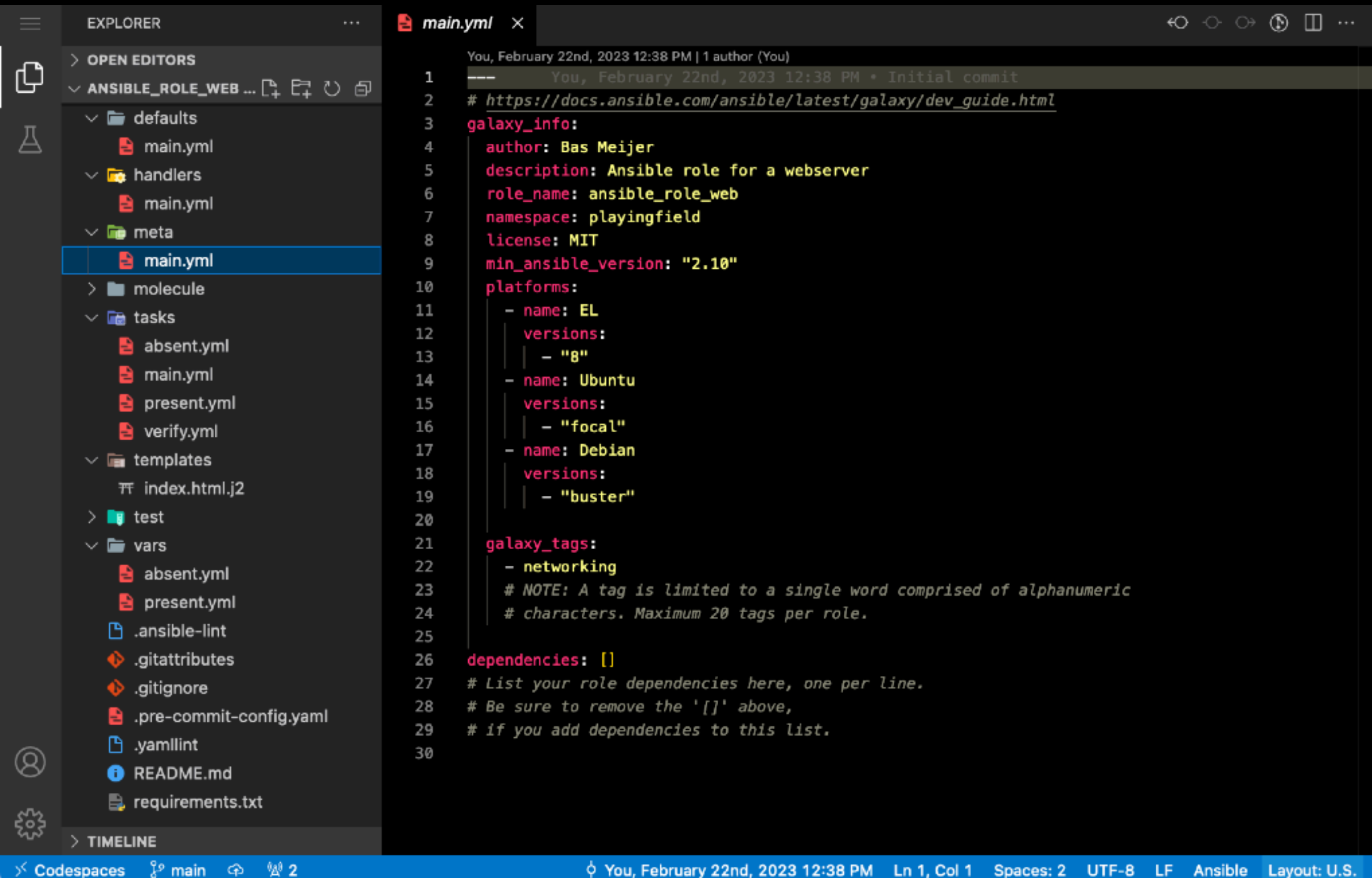


Decompose in roles

- A Role can be developed, tested & versioned independently
- Roles are ways of automatically loading certain vars_files, tasks, and handlers based on a known file structure
- Grouping content by roles also allows easy sharing of roles with other users
- <http://galaxy.ansible.com>

```
ssh
|-- files
|   |-- bash_profile
|-- handlers
|   |-- main.yml
|-- tasks
|   |-- main.yml
|-- templates
|   |-- ssh_config.j2
|   |-- sshd_config.j2
```

Role structure



The screenshot displays an IDE interface with a file explorer on the left and a code editor on the right. The file explorer shows a project structure for an Ansible role named 'ansible_role_web'. The 'main.yml' file is selected and open in the editor. The code in 'main.yml' defines the role's metadata, including author, description, role name, namespace, license, minimum Ansible version, supported platforms, galaxy tags, and dependencies.

EXPLORER

- OPEN EDITORS
- ANSIBLE_ROLE_WEB ...
 - defaults
 - main.yml
 - handlers
 - main.yml
 - meta
 - main.yml
 - molecule
 - tasks
 - absent.yml
 - main.yml
 - present.yml
 - verify.yml
 - templates
 - index.html.j2
 - test
 - vars
 - absent.yml
 - present.yml
 - .ansible-lint
 - .gitattributes
 - .gitignore
 - .pre-commit-config.yaml
 - .yamllint
 - README.md
 - requirements.txt
- TIMELINE

main.yml

```
1 --- You, February 22nd, 2023 12:38 PM | 1 author (You)
2 # https://docs.ansible.com/ansible/latest/galaxy/dev_guide.html
3 galaxy_info:
4   author: Bas Meijer
5   description: Ansible role for a webserver
6   role_name: ansible_role_web
7   namespace: playingfield
8   license: MIT
9   min_ansible_version: "2.10"
10  platforms:
11    - name: EL
12      versions:
13        - "8"
14    - name: Ubuntu
15      versions:
16        - "focal"
17    - name: Debian
18      versions:
19        - "buster"
20
21  galaxy_tags:
22    - networking
23    # NOTE: A tag is limited to a single word comprised of alphanumeric
24    # characters. Maximum 20 tags per role.
25
26  dependencies: []
27  # List your role dependencies here, one per line.
28  # Be sure to remove the '[]' above,
29  # if you add dependencies to this list.
30
```

CodeSpaces main 2 You, February 22nd, 2023 12:38 PM Ln 1, Col 1 Spaces: 2 UTF-8 LF Ansible Layout: U.S.