



Type / Style	YAML Examples	Example Description
Start yaml document → Start of YAML Doc → Key: value pair → Key: value pair → Key: value pair →	<pre>--- game: tetris type: puzzle levels: ten</pre>	Simple key value pairs in Yaml (Dictionary)
Start yaml document → Key: → Value of employee → Value of employee → Value of employee → Value of employee →	<pre>--- employees: - Michael - Jim - Pam - Creed</pre>	List of Dictionaries
Start yaml document → Start of list of lists → Item 1 in list time → Item 2 in list time → Item 1 in list time.of → Item 2 in list time.of → Item 3 in list time → Item 1 in list time.many →	<pre>--- - time - Is - of - the - essence - many - quotes</pre>	List of Lists
Start yaml document → start playbook tasks → Ansible comment → Module name (template) → Parameter src → Parameter dest → Parameter owner → Parameter group → Parameter mode → Task modifier → First vars set in list → Second vars set in list → Register as a variable → Run as root (True==yes) →	<pre>--- tasks: - name: create file from template template: src: "{{ item.src }}" dest: "{{ item.dest }}" owner: goku group: saiyan mode: 0755 with_items: - {src: 'nvic1.j2', dest: '/tmp/namek1.txt'} - {src: 'nvic2.j2', dest: '/tmp/namek2.txt'} register: namek_visa_id_card become: yes</pre>	<p>Ansible tasks are a specific dictionary of dictionaries which represents the parameters passed to an ansible module</p> <p>This task, using the template module, which loops over src/dest files</p>
Start yaml document → Task description ansible → Module name (get_url) → Parameter url file to dl → Parameter place to save → Parameter rwx permission → Ansible option argument → Param chdir before exec → Change Directory →	<pre>--- - name: download file from website get_url: url: "http://ilvcartoons.watch.com/ctn.tar.gz" dest: /home/professorX/ctn.tar.gz mode: '0644' args: chdir: "/home/professorX"</pre>	<p>Ansible specific Dictionary of dictionaries with dictionary of dictionary</p> <p>Single task, get url set permissions, and change dir beforehand</p>

Helpful Links	Purpose
http://www.yamllint.com/	Check Syntax of YAML
https://codebeautify.org/yaml-validator	Check Syntax of YAML
http://yaml.org/spec/1.2/spec.html	Extended YAML Documentation
https://github.com/Animosity/CraftIRC/wiki/Complete-idiot%27s-introduction-to-yaml	Introduction to YAML
http://ansible-docs.readthedocs.io/zh/stable-2.0/rst/YAMLSyntax.html	YAML with Ansible
https://learnxinyminutes.com/docs/yaml/	Quick YAML Examples

Facts
Tab characters are not to be used
YAML is cAsE sensitive
End your YAML file with the .yaml or .yml extension
All members of a list are lines beginning at the same indentation level starting with a "-" (a dash and a space)
Three dashes --- is optional in starting a yaml document
Three periods ... is optional in ending a yaml document
Use a monospaced font such as courier new when writing yaml documents
Ansible playbooks are YAML files
YAML is a superset of JSON

Terms
sequences (arrays / lists) starts with a dash – then a space for each line
scalars (strings / numbers)
mappings (hashes / dictionaries) is a key: value form (the colon must be followed by a space)