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**ansibilo**  
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## facto - secrets and ports management

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**facto** is an Ansible module with two main function:

- generate secrets on the remote host and store them for future runs
- select an unused port on the remote host and reserve it for future runs

### Secret generation

```
- name: Remotely generated secret
facto:
  key: my-secret # the secret name
  kind: secret
  fact: my_secret # store the secret in this variable

- name: Use secret
file:
  content: "passwd = {{ my_secret }}"
  dest: /my/config/path
```

### TCP or UDP port reservation

```
- name: Remotely generated secret
facto:
  key: my-port # the secret name
  kind: tcp-port # or udp-port
  fact: my_port # store the port number in this variable
```



#### Export inventory

The `ansible export-inventory <format>` command export your Ansible inventory in the specified format. Currently supported formats are `json`, `dot`, `svg`.





### Ansible inventory graph

The `ansible-inventory-graph` directive will be replaced by the `graph` of your Ansible inventory.

The directive take the same parameters as the `graphviz` directive.

```
.. ansible-inventory-graph::
```