# SNOMED CT module

A group of SNOMED CT components and/or reference set members managed, maintained, and distributed as a unit.

**Notes**

- Components and reference set members that are part of the same *module* share the same moduleId value.
- All *modules*, except the  900000000000012004 | SNOMED CT model component module| , have dependencies on other *modules* specified by the Module Dependency Reference Set.
  - components and reference set members, that are part of the same *module,* share the same moduleId value.
  - components and reference set members are part of only one *module*, at any given time.
- The organization responsible for maintaining an extension must:
  - create and maintain at least one *module* identified by a *moduleId* that it has created;
  - apply a *moduleId* that it has created to all components and reference set members in its *extension*;
  - manage and distribute information about the dependencies of its *modules* in accordance with SNOMED CT specifications.
- The organization responsible for maintaining an extension may:
  - create and maintain multiple *modules*;
  - organize its components and reference set members within the modules it manages in a way that best meets its business needs;
  - move a component or reference set member between its *modules* by creating a revised version of that component or reference set member with a different *moduleId* (It is then part of the new *module* from the *effectiveTime* of the revised version).
- Components and reference set members may be moved between *modules* maintained by different organizations. However, such moves must only be made:
  - with the consent of the organizations responsible for both the source and target modules; and
  - in accordance with rules specified by SNOMED International.

## Alternatives

- **Module**

## Related Links

- **Glossary**
  - module dependency
  - versioned module
- **Extensions Practical Guide**
  - 4.2.2 Module Dependencies