

Naming Convention

All the variables and parameters must be named according to the following conventions to ensure proper integration with BATEM's automatic model generation and data binding systems.

Variable Naming Pattern

The name of a variable or parameter must satisfy the following regular expression:

```
^[A-Za-z][A-Za-z0-9_]*(:[A-Za-z_][A-Za-z0-9_]*)?(#[A-Za-z_][A-Za-z0-9_]*)?.$
```

Zone-Related Variables

If the symbol named `<var>` is related to a zone named `<zone>`, then its name is `<var>:
<zone>`.

Related documentation

- [Baterm_User_Manual.md](#) — interactive shell (`help naming` prints this file)
- [Building_User_Manual.md](#) — building model and `max_unshaded_protections`
- [CONTROL_SYSTEMS_GUIDE.md](#) — simulation and control variables

Following these naming conventions ensures seamless integration with BATEM's automatic model generation, simulation, and control systems.