

# CODING CONVENTION

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## Proposed coding convention

The proposed coding convention is the following:

- **Classes & Structures**
  - Start always with capital letter
  - No underscore
  - Word separators are new capital letters
- **Typename (for Templates)**
  - Start always with capital letter
  - No underscore
  - Word separators are new capital letters
- **Functions & Methods**
  - Start always with lower case letter
  - No underscore
  - Word separators are new capital letters
- **Variables & members**
  - They are always in lower case letter
  - Underscore for separator
  - $4 \leq N$ . characters in variable name  $\geq 15$
- **Namespace**
  - Very short name
  - Always with lower case letters
- **Name of .hh/.cpp/.cc/.hpp**
  - They are named based on the rules for class name

**Note:** With this convention everyone is able to differentiate immediately a class from a function.