

## **Atheneum Coding Standard**

### **Revision #1**

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#### Syntax:

- Variables- Underscore, lowercase
- Methods- Underscore, first letter uppercase
- Named constants- Underscore, all caps
- Files- Underscore, lowercase
- Indent- Four spaces

#### Stylistically:

- For methods/ switches/ loops/ etc:

```
Method_one(){  
    }  
  
for(i = 0; i < n; i++) {  
    }  
}
```

- Add a brief explanatory comment for each method/ class/ file
- Write cohesively (group related functions, attempt to keep a logical flow in code)
- Write modularly with loose coupling in mind
- Declare variables near where they are used

#### Avoid:

- Undefined values (use named constants)
- Ambiguous variable names (flag, item, etc)
- Method duplication (either by superfluous or redundant methods)