# (file#)2.5.5\_01: CommLog01

**Coding Standards**  
6 messages

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| **Scott Dennison <scott.dennison@hotmail.co.uk>** | **18 March 2011 23:47** |
| To: Dave Russell <dave.aj.russell@gmail.com> | |
| |  | | --- | | Hi Dave  Here are my coding "standards". I enclose standards in air quotes because coding standards actually covers a lot lot more than this.  **Comment style:** Javadoc above functions Variable declarations grouped with a comment above, and comments at the side of each variable describing it's use Comments for most lines. Comments usually are 1-2 lines, and can 'cover' 1-10ish lines of code.  **Variable naming style:** 3 character Hungarian notation. This means intHouseNumber, dblGrams, strYourName, txtTextField etc etc. While there is a standard out there for hungarian notation, and nearly all of my hungarianisms (is that a word?) are the standard ones, I actually made/make them up myself and they happened to be the same. Arrays are usually either arrValues or intValues. This is bad on my part, and I need to stick with one or the other. For the actual name part, I use a description in title case, as seen in the examples above, using no underscores. I will use underscores however only if it is absolutely necessary. The only exception is the variables i,j and k sometimes used in loops, and even then I try to avoid the use of those.  **Function naming style:** The same as variables, except the first character of the first word is lowercase regardless. So that is Title case with no underscores basically.  Note: The above two naming standards appear to the java standards.  **Bracket style:** function blah {  } NOT function blah {  } Which i detest. Most lectures prefer this (the latter) way however. So does the C# IDE.  **Input style:** NOT USING SCANNER! IT IS TERRIBLE. Instead reading a whole line in at once and then parsing that for usable content.  Scott | | |

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| **Dave Russell <dave.aj.russell@gmail.com>** | **19 March 2011 13:45** |
| To: Scott Dennison <scott.dennison@hotmail.co.uk> | |
| |  | | --- | | Cheers Scott,  I'll write this up into a Quality Standards document and include it in the repo.  I've got a repo all sorted out on my dropbox which we'll get onto github on Tuesday.  If you use dropbox we could sort out a shared folder on there so you can see what I've done?  [Quoted text hidden] | | |

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| **Scott Dennison <scott.dennison@hotmail.co.uk>** | **19 March 2011 13:48** |
| To: Dave Russell <dave.aj.russell@gmail.com> | |
| |  | | --- | | Yeah. I have the dropbox client installed here. Never used it though.  Date: Sat, 19 Mar 2011 13:45:39 +0000 Subject: Re: Coding Standards From: [dave.aj.russell@gmail.com](mailto:dave.aj.russell@gmail.com" \t "_blank) To: [scott.dennison@hotmail.co.uk](mailto:scott.dennison@hotmail.co.uk" \t "_blank)  [Quoted text hidden] | | |

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| **Dave Russell <dave.aj.russell@gmail.com>** | **19 March 2011 13:50** |
| To: Scott Dennison <scott.dennison@hotmail.co.uk> | |
| |  | | --- | | Alright, I'll share the folder.. You'll get an email about it and it'll sync it to your account automatically  [Quoted text hidden] | | |

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| **Scott Dennison <scott.dennison@hotmail.co.uk>** | **19 March 2011 22:47** |
| To: Dave Russell <dave.aj.russell@gmail.com> | |
| |  | | --- | | Got a few issues with the coding standards document, but overall it is great.  **Array naming:** Nice idea extrapolating the array naming problem I said into arrValues or intArrayValues. However, I think we need to decide on one of these and stick to it.  **Parameter naming:** I like the use of p to identify the variables as being parameters, however, it gets rid of the usefulness of Hungarian notation (which allows you to know exactly what type a variable is. I am quite guilty of mostly not making parameters stand out, but when I do, I prefix the Hungarian notation with an underscore. (E.G \_intYourValue, \_objKelvinHilton). What do you think of this?  **Variable naming:** I think we need to come up with a standardised list of hungarian notation to be used, and shove it in the document. Do not however blindly shove one in. I believe it should be discussed between me, you and James so we can decide on the better one. On that note, have you sent James the document?  **Else If and Catch/Finally blocks bracket management** Do you mean try {  } catch (Exception objException) {  } and if (something) {  } else if (something) {  } else {  }  If so, sorry, but I feel that is ugly. However, this ties in directly with the point below  **Bracket Management** Thanks for putting " Braces must follow the declaration on the same line". And while I do agree with it (I suggested it), I think it would be better to once again get my (which you know), your (which only you know), and James's opinion on this and the above bracket management point.  On that point, are we going to call them braces or brackets anyway?  Scott  Date: Sat, 19 Mar 2011 13:50:09 +0000  [Quoted text hidden] | | |

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| **Dave Russell <dave.aj.russell@gmail.com>** | **20 March 2011 09:26** |
| To: Scott Dennison <scott.dennison@hotmail.co.uk> | |
| |  | | --- | | Hi Scott,  Cheers for the feedback, I'll update the document and put in some place holders.. Such as that table you mention, which is a great idea.  I also like the \_ before Hungarian notation for params, I'll amend that as well.  Arrays and braces/brackets we can decide on Tuesday?  I personally have no preference of braces/brackets following the declaration or on a new line, most IDE's default to having them following the declaration, but ANSI C and C# wants them on new lines.. We'll have to decide eh.  Cheers  [Quoted text hidden] | | |