Cheatography

CleanMethods Cheat Sheet by ChaosJD (ChaosJD) via cheatography.com/99440/cs/21022/

Meaningful Distinction		No Member Prefixes		Dont' be cute		cont = continuation										
What's source?		//Historic => Old Code or old		Dirty Clean												
What is destination?		Coder		holyHandGren- delete-												
public static void copyChars-		private String m _dsc;		ade() 4 Items()		Items()	Flag Arguments									
(char a1[], char a2[]) { }		Interface & Implementation Dirty Clean		eatMyShorts() f abort() One Level of Abstraction per Function		Passing a boolean into a funciton is a truly terrible practise render(boolean isSuite) f										
								Use Prono	ouncable Names	interface	class					
								Write names out!		IShapeFactory ShapeFactoryImp		l interm String pagePathName ediate = PathParser.render(-		Structured Programming		
Longer names trumps short		7	to to office a		pagePath);	Use	* occasional multiple									
Names			interface Shapefactory	low	.append("\			return,								
Searchable names trumps a				Level			* break and									
constant in Code		Don't Repeat Yourself					* continue statement									
Avoid Encodings		Refactor Clone		Add Meaningful Context			does no harm									
	es pronouncable	C	Copy & Paste	addressFirstName		Don't	never, ever, any goto									
Dirty:				addressLastName		USE	statements 4									
class DtaRcrd102 {		Verbs And Keywords		addressState		but	only in special									
	te genymdhms;	verb/noun Pair:					languages. Be careful,									
private Date modymdhms;		(to)writeField(name);		Functions		you can destroy or control flow										
private final String pszqint = "102";}		assertExpectedEqualsActual(-		max. 150 Characters												
102,17		expected, actua	al);		public static int add	(int numA, int numB {		on Arguments								
Hungarian	Notation			hould hardly eve be 20 lines lon	result = numA + nu return result; {_}	mB; max	r. 100 Lines Long									
// Name not changed when type		Use Descriptive Names				Useless:										
changed		The Sequence should tell a						c(0) best Solution:								
PhoneNumber phoneString;		Story:		Sideeffects		includeSetupPage() Polyadic (More then three Argume										
		includeSetup-AndTeardown-		If you must have a temporal												
Method Na	ames	Pages();		coupling, you should make it		nts): ResponseEntity <map> responseEntity1 = restTemplate.exchange (REST_SERVICE_URI+"/contract HttpMethod.PUT, entity, Map.clas</map>										
Jse	verbs, phrases like PostPayment,	includeSuiteSetupPage();		clear in the name of the function checkPasswordAndInitializeS- ession()												
		includeSetupPages(); Use Problem Domain Names														
	deletePage or															
	SavePage															
Constr-	Static factory Methods, with names, that describe the arguments	If is there no Progr technique use the the Problem Doma DomainDrivenDes D3.js		Clean:	loop Counte		Usable	9								
uctor Overload							Monad	dic:								
use				Dirty:	k and l because One (1) f	ause One	boolea	an fileExists("MyFile")								
							Dyadi									
					=> too mu	ch		ExpectedEqualsActual(exp								
		Use Solution Do	omain Names					actual);								
		AccountVisitor	VisitorPattern				Triadio									
								Equals(1.0, amount, .001);								
								······································								

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Don't add	Gratuitous	Context
Dontauu	Oracultous	COMERCI

You need:

- * descriptive Skills
- * shared cultural backround
- * Don't be afraid of Renaming
- * Use Refactoring Tools -> IntelliJ

Blocks And Indenting - Arrow Code

The indent level of a function should not be greater then

one or two

TO paragraph

We want every function to be followed by those at the next level of abstraction so that we can read the program,

descending one level of abstraction at a time as we read down the list of functions.

To say this differently, we want to be able to read the program as though it were a set of TO paragraphs, each of which is describing the current level of abstraction and referencing subsequent TO paragraphs at the next level down.

MethodHeader:

To include the setups, **Code:**

we include the suite setup if this is a suite, then we include the regular setup.

Don't Pun

Use:

insert(), append()

Instead of

add()



By **ChaosJD** (ChaosJD) cheatography.com/chaosjd/

Command	Query	Seperation

Either your function should change the state of an object, or it should return some information about that object: public boolean set(String attribute, String value);

Clean:

if (attributeExists("username"))
{setAttribute("username", "unclebob"); ... }

Dirty:

if (set("username", "unclebob"))-{...} **/**

Avoid Mental Mapping				
loop Counter only:	i, j, k			
Never	I because			
	One(1)			

One Thing

Functions should do **one thing**. They should do it well. They should do it only

- * Aids the Reader
- * Promote Reuse
- *Eases Naming & Testing

*Avoid Sideeffects

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