

Naming things is hard



**One does not simply take the
midnight train going anywhere.**



Naming things

```
float currentx1ToTopVertDistance  
    triVert1,  
    CanvasPoint(current  
);  
  
/* trivial case of bottom-flat */  
float bottomFlatTopToBottom
```



Topic

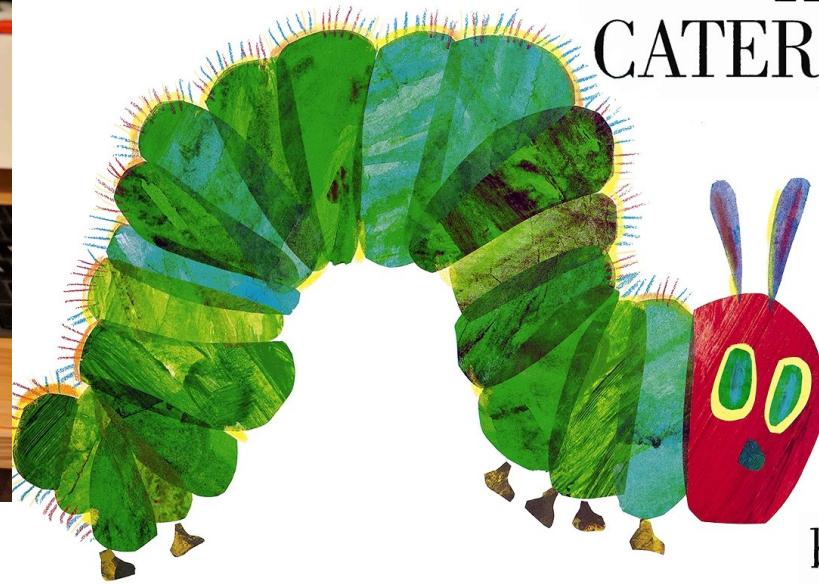
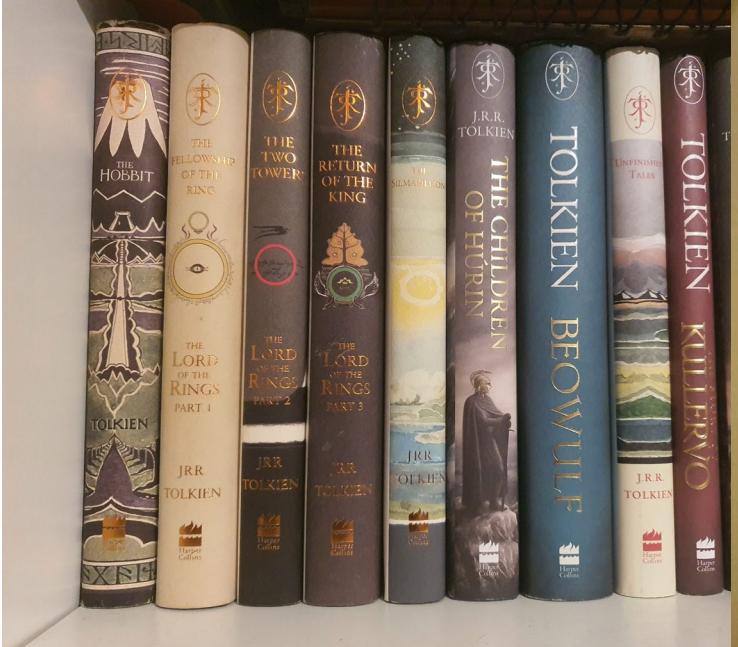
(put T.B.C if you aren't sure yet)

Automated Acceptance Tests with Local Stack

How to build Netflix in the garage.

T.B.C.

Condensed & infor



THE VERY HUNGRY CATERPILLAR

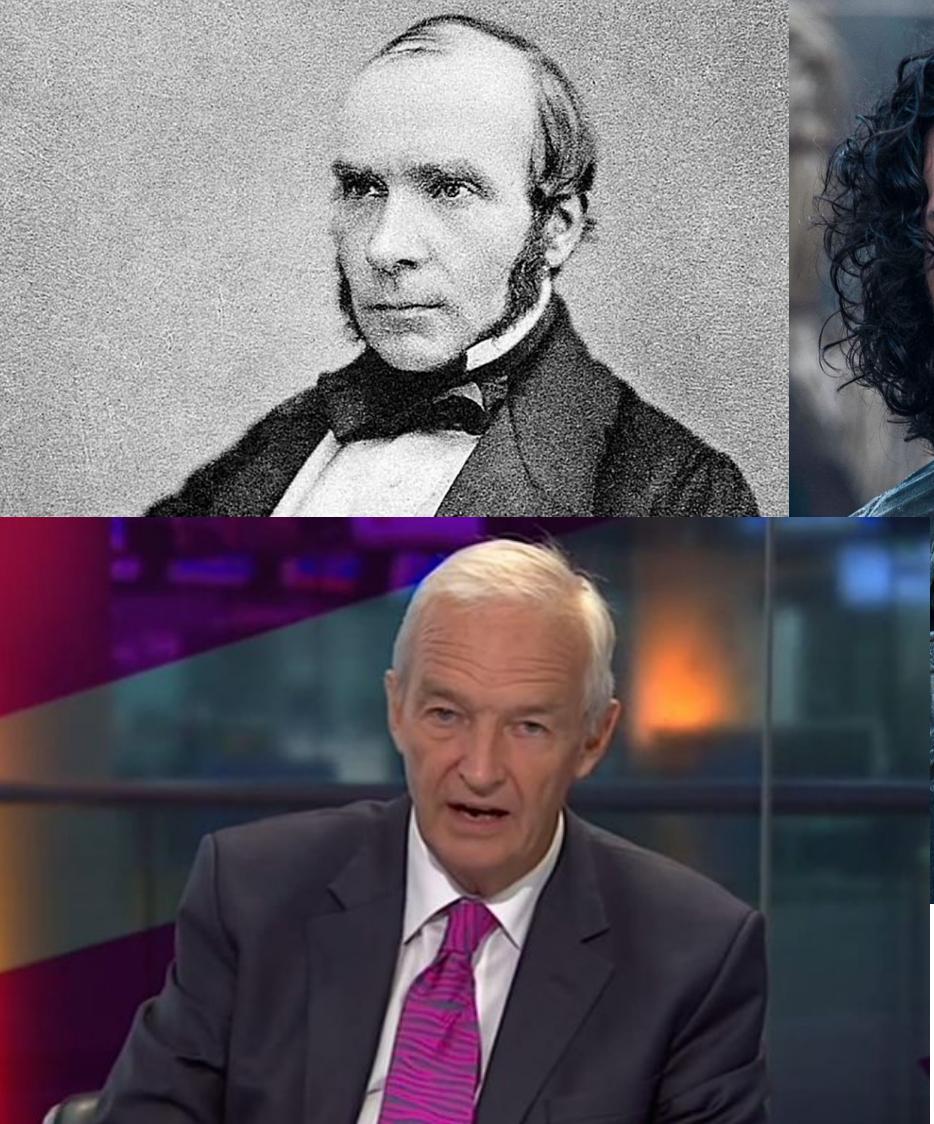
by Eric Carle

Rule #1 Thou shalt be specific.



- Naming a baby
- John
- John Smith
- XÆ A-12

Rule #2 Thou shalt not use unnecessary words.



- Context matters
- JonSnowPresenter
- JonSnowGameOfThrones
- JonSnowWhoKnowsNothing
- JonSnowEpidemiologist
- JonSnow

Rule #3 Thou shalt not use abbreviations.

ADR

ADR (treaty)

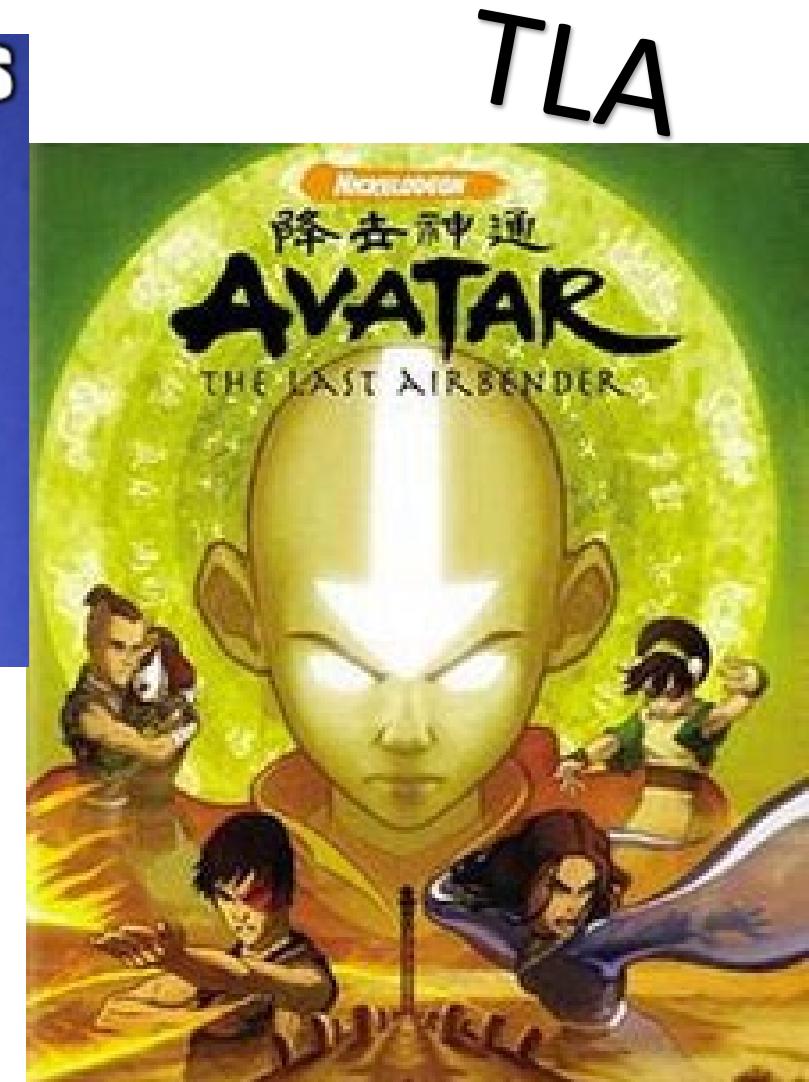
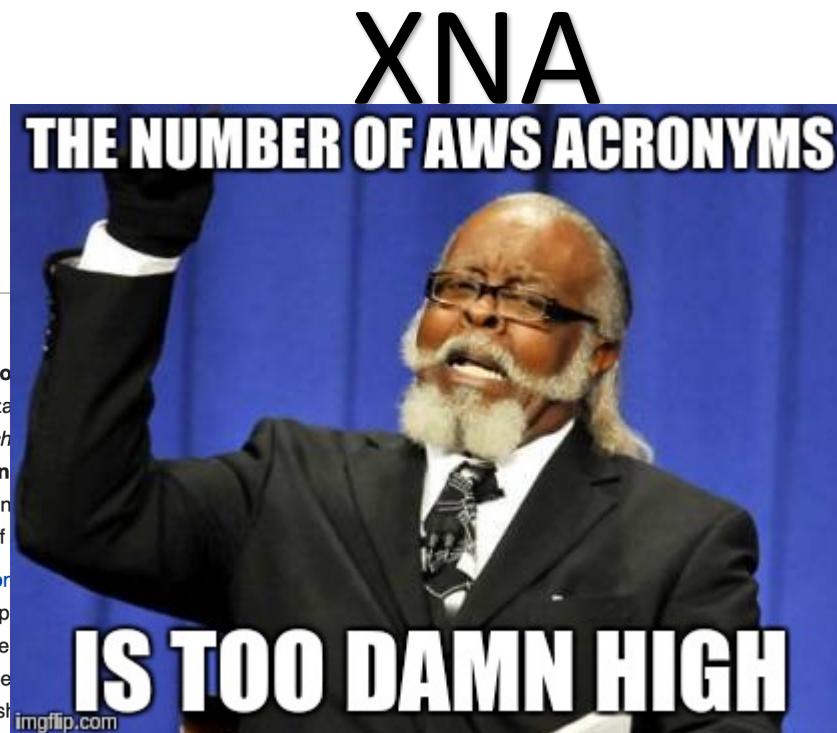
From Wikipedia, the free encyclopedia

ADR, formally the [Agreement of 30 September 1957 concerning the International Road](#), is a 1957 [United Nations treaty](#) that governs transnational transport of hazardous goods by road. The French name for the treaty: *Accord relatif au transport international des marchandises dangereuses par route*. On 31 December 2020, the treaty was fully named [European Agreement concerning Dangerous Goods by Road](#). However, as the word "European" might have given the impression that the agreement only applied to European states, an amendment was decided in the end of 2015 to change the name to "International". Concluded in [Geneva](#) on 30 September 1957 under the aegis of the [United Nations Economic Commission for Europe](#), it entered into force on 29 January 1968. The agreement was modified (article 14, paragraph 1) on 28 August 1975, though these changes only took effect on 19 April 1985. A new amendment was adopted on 29 January 2011. Annexes A and B have been regularly amended and updated since 1 January 2015 (until June 2017), a revised consolidated version has been published on 1 January 2017^[2].

As of 2020, 52 states are party to ADR.^[3]

TSNUA

- Time Sensitive Networking with Unified Architecture
 - Thou Shalt Not Use Abbreviations



[Radiat Oncol.](#) 2015; 10: 112.

Published online 2015 May 15. doi: [10.1186/s13014-015-0415-7](https://doi.org/10.1186/s13014-015-0415-7)

PMCID: PMC4438605

PMID: [25971451](#)

Prospective, longitudinal, multi-modal functional imaging for radical chemo-IMRT treatment of locally advanced head and neck cancer: the INSIGHT study

[Liam Welsh](#),  [Rafal Panek](#), [Dualta McQuaid](#), [Alex Dunlop](#), [Maria Schmidt](#), [Angela Riddell](#), [Dow-Mu Koh](#),

“ we have developed a successor study, termed INSIGHT (functIonal imagiNg for defining biological radiotherapy target volumeS, assessing disease response, and predIcting loco-reGional control in patients undergoing cHemo-radioTherapy for head and neck cancer). The INSIGHT ”

Rule #4 Thou shalt use the code's primary human language.

Saluton mondo!

Привет мир!

Olá Mundo!

Hej världen!

你好世界！

Ciao mondo!

こんにちは世界！

مرحبا بالعالم!



GONCHAROV_ARTEM/SHUTTERSTOCK

Suckrifice

('suh-krih-fys) n.—Doing what you absolutely must do, even though you really, really hate it.

Rule #6 Thou shalt not include type.

Hungarian Notation

- **A must in this course**
- Every object used **MUST** be renamed including the form(s) using the following rules
 - Form → **frmFormName**
 - E.g. frmTemperature
 - **Also change caption**
 - Textbox → **txtTextBoxName**
 - E.g. txtInputBox
 - **Also change Text (to empty)**
 - Label → **lblLabelName**
 - E.g. lblDescribeInput
 - **Also change caption**
 - Button → **cmdButtonName**
 - E.g. cmdComputeButton
 - **Also change caption**
 - PictureBox → **picPictureBoxName**
 - E.g. picOutputBox

strName = "Ollie"

arru8NumberList = [...]

Rule #7 Thou shalt only use non-obvious words if the meaning is obvious.



ineffable

/ɪn'efəb(ə)l/

adjective

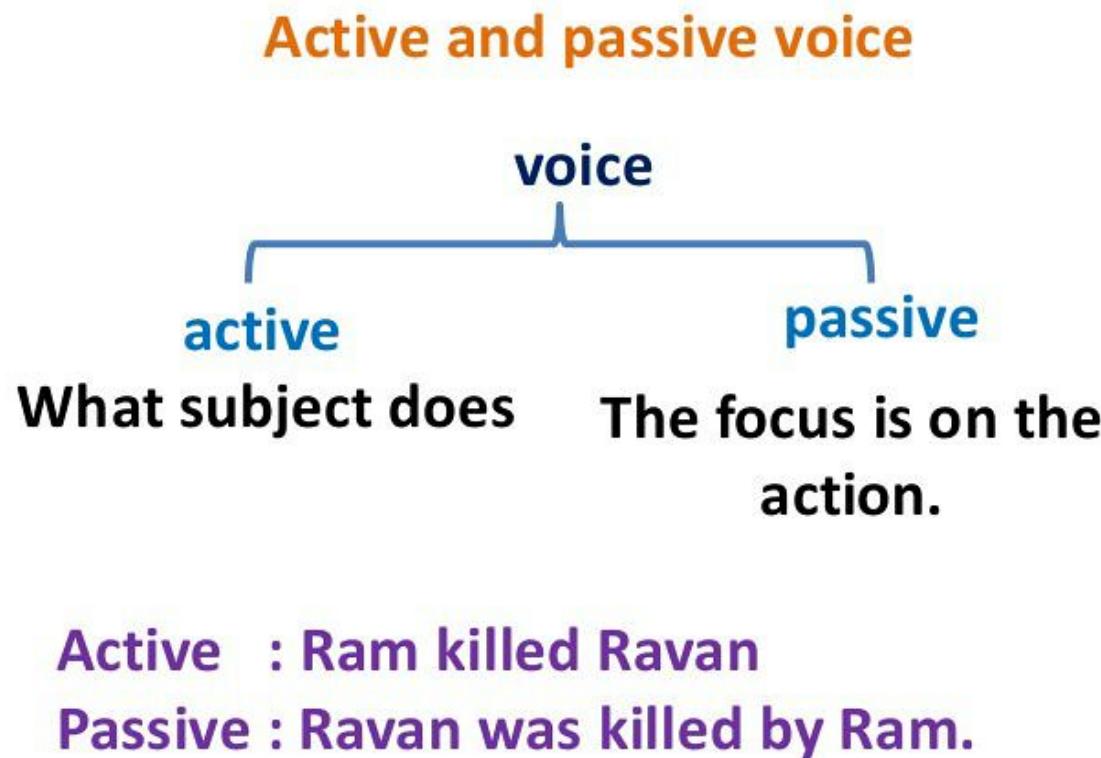
Non-hyphenated

Phonetic

Hippopotomonstrosesquippedaliophobia



Rule #8 Thou shalt prefer active voice.

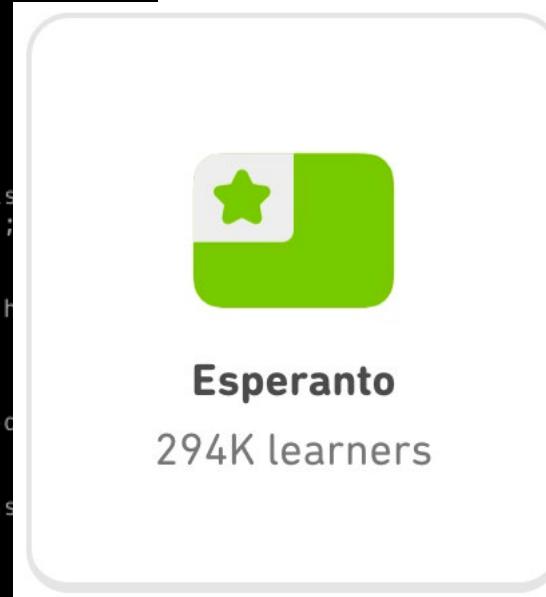


- Active voice shows that an action is being done by an object
- GetTranspilation()
- Transpile()

Active : Ram killed Ravan
Passive : Ravan was killed by Ram.

Rule #9 Thou shalt use consistent syntax.

```
177 static int alx_set_link_ksettings(struct net_device *netdev,
178                                     const struct ethtool_link_ksettings *cmd)
179 {
180     struct alx_priv *alx = netdev_priv(netdev);
181     struct alx_hw *hw = &alx->hw;
182     u32 adv_cfg;
183     u32 advertising;
184
185     ASSERT_RTNL();
186
187     ethtool_convert_link_mode_to_legacy_u32(&advertising,
188                                              cmd->link_modes.advertising);
189
190     if (cmd->base.autoneg == AUTONEG_ENABLE) {
191         if (advertising & ~alx_get_supported_speeds(h))
192             return -EINVAL;
193         adv_cfg = advertising | ADVERTISED_Autoneg;
194     } else {
195         adv_cfg = alx_speed_to_ethadv(cmd->base.speed
196                                       cmd->base.duplex);
197
198         if (!adv_cfg || adv_cfg == ADVERTISED_1000bas
199             return -EINVAL;
200     }
201
202     hw->adv_cfg = adv_cfg;
203     return alx_setup_speed_duplex(hw, adv_cfg, hw->flowctrl);
204 }
```



IAL

- Consistency > Optimal rules
- Snake_case
- Kebab-case
- camelCase
- PascalCase
- sWAPcASE
- period.case
- P_a_r_s_e_d
- MiXEdCaSe

Author: Amin Lessan
Date: Wed Feb 19 11:39:39 2020 +00

Rule

BEAUTIFUL PAVEMENT

commit d00566c256879d137dee15645d8f8
Author: Amin Lessan
Date: Tue Feb 18 19:47:15 2020 +00

RAMADAN KAREEM

**LET THE HUNGER GAMES
BEGIN**

std::tuple
std::tuple
std::tuple
std::tuple



Mid way through fixing ppm draw

PULLING AN ALL NIGHTER

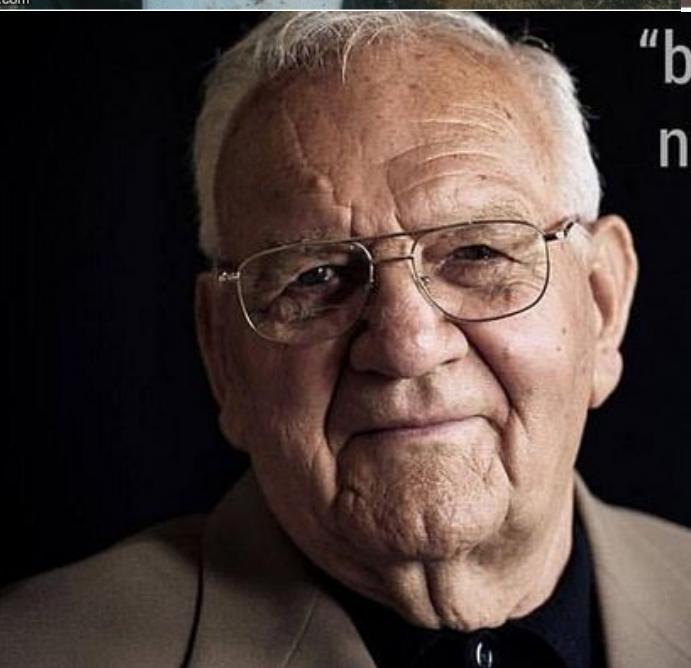


NON MUSLIMS BE LIKE

NOT EVEN WATER!?!?!

**"being a developer is
not stressing at all"**

John - 26 yrs old



Recap

1. Thou shalt be specific.
2. Thou shalt not use unnecessary words.
3. Thou shalt not use abbreviations.
4. Thou shalt use the code's primary human language.
5. Thou shalt not make up words.
6. Thou shalt not include type.
7. Thou shalt only use non-obvious words if the meaning is obvious.
8. Thou shalt prefer active voice.
9. Thou shalt use consistent syntax.
10. Thou shalt break these rules if necessary.

Recap of the Recap

1. Thou shalt be specific when naming variables during software development particularly if the context is hard to determine.
2. Thou shalt not use unnecessary, superfluous, unneeded or useless words.
3. TSNUA
4. Você deve usar a linguagem humana primária do código.
5. Thou shalt not make up words, this unlightens everyone.
6. strThou_shalt_not_include_type.
7. Thou shalt only use esoteric words if the meaning is non-esoteric.
8. The active voice should be preferred by thee.
9. Thou shalt, use cOn_Sis-TeN.t syntax!?
10. ~~You can break these rules if necessary.~~

tl;dl;

- be consistently ‘cool’
- or
- why use lot word v.

