



# ARNOLDC

Presented by: Shaina Medina  
Jan Catherine San Juan

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Language  
Overview

# Lauri Hartikka

- Helsinki, Finland
- Senior IT Developer at Nordea
- @lhartikk



# ArnoldC

- A programming language based on the one-liners of Arnold Schwarzenegger's movies



# “hello world” in ArnoldC

IT'S SHOWTIME  
TALK TO THE HAND "hello world"  
YOU HAVE BEEN TERMINATED



Running Man (1987)

# ArnoldC

- 2013
- Created using Scala
- Imperative Programming Language
- Parboiled – parsing
- ASM – generate the Java bytecode.



To discover new meanings  
from the Arnold movies  
with the means of  
computer science.



02

# LANGUAGE OVERVIEW





# Basic Keywords

# BeginMain

## IT'S SHOWTIME



# EndMain

YOU HAVE BEEN  
TERMINATED



# Print

## TALK TO THE HAND



# Declaring Variables



```
HEY CHRISTMAS TREE variablename
```

```
YOU SET US UP initialvalue
```

# If else statement

BECAUSE I'M GOING TO SAY  
PLEASE value

[statements]

BULLSHIT

[statements]

YOU HAVE NO RESPECT FOR  
LOGIC



# End Method Declaration

HASTA LA  
VISTA, BABY





# Conventions



# Variables & Keywords

- Variables should always be lowercase
- Keywords are always UPPERCASE

# New Lines

- Each new keyword command in ArnoldC should be written on a new line.
- Keywords in a single line does not work

# “hello world” in ArnoldC



IT'S SHOWTIME  
TALK TO THE HAND "hello world"  
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# 03

## Demo

# Thank You for Listening!

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## Sources:

<https://github.com/lhartikk/ArnoldC/wiki/ArnoldC>

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