



Principles of Object-Oriented Programming Languages: Language Comparison

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Contents

- 1 Introduction
- 2 References

1 Introduction

- 2 This paper is written for the Principles of Object Oriented Languages course at the VUB.
- 2 The goal of this paper is to compare the object oriented properties of 2 languages.

Objective-C and C++ were chosen for this purpose, these languages are both strict supersets of C, but have a very different approach on object oriented features. C++ is focussed towards run-time efficiency and static type checking [2]; while Objective-C tries to do things dynamically whenever this is possible [1].

2 References

- [1] Apple. *Objective-C Runtime Programming Guide*. URL: `http : / / developer . apple . com / library / mac / #documentation / Cocoa / Conceptual / ObjCRuntimeGuide / Introduction / Introduction.html#//apple_ref/doc/uid/TP40008048`.
- [2] *C++: A brief description*. URL: `http : / / www . cplusplus . com / info / description/`.