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Kyer Potts

30003389

Scripting AT1.1

Software Development Platforms

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# Visual Studio Code

## Copyright

Source code for visual studio code is available at <https://github.com/Microsoft/vscode> and under the MIT license agreement at <https://github.com/Microsoft/vscode/blob/master/LICENSE.txt>

## Intellectual Propter (IP)

Visual Studio is a Microsoft branded product built on top of an open source code base that the community could explore and contribute to.

## EULA

Embedded in the license agreement at <https://github.com/Microsoft/vscode/blob/master/LICENSE.txt>

## Description

Visual studio code is a multi-platform source code editor developed by Microsoft. It is highly customisable, and offers a feature set that many other code editors do not have implemented, such as debugging support, embedded Git control and intelligent code completion. The source code is open source and was released under the MIT license. (Wikimedia Foundation, Inc., 2019)

# Python

## Copyright

Source code for python is available at <https://www.python.org/downloads/source/> and the license agreements at <https://docs.python.org/3/license.html>

## Intellectual Property (IP)

Python is an open source platform that is owned and managed by the Python Software Foundation. The Python Software Foundation is a non-profit organisation and many of the contributions to the code come from community developers.

## EULA

The EULA is located within the terms and conditions section of <https://docs.python.org/3/license.html#terms-and-conditions-for-accessing-or-otherwise-using-python>

## Description

Created by Guido van Rossum in 1991, python was originally developed as a successor to the ABC language and was popularised in 2000 the release of Python 2.0. It has a wide variety of uses, and is popular for creating small- and large-scale applications due to it’s ease of use as a dynamic programming language, and features such as functional programming and aspect orientated programming.

# PHP

## Copyright

The source code for PHP is available at <https://www.php.net/downloads.php> and the license information for all versions is available at <https://www.php.net/license/>

## Intellectual Property (IP)

PHP is an open source platform and the community is encouraged to contribute and modify the source code freely.

## EULA

The EULA can be found at <https://www.php.net/license/3_01.txt>

## Description

PHP, or Hypertext Preprocessor, is a general-purpose language originally created for web development and functionality. Rasmus Lerdorf developed the language in 1994, when he wrote multiple Common Gateway Interface programs in C. He then implemented database and web form functionality and it was able to be used to create dynamic web applications. PHP was never intended to be a programming language, and due to its relatively organic development, PHP has very little structure in the form of syntax equivalencies and code structure. However, later iterations of PHP became more user friendly with input and development from various members of the community, which eventually led to the optimised PHP 7 (Wikimedia Foundation, Inc., 2019).

# References

Wikimedia Foundation, Inc. (2019, 05 22). *PHP*. Retrieved from Wikipedia: https://en.wikipedia.org/wiki/PHP

Wikimedia Foundation, Inc. (2019, 05 22). *Python (ProgrammingLanguage)*. Retrieved from Wikipedia: https://en.wikipedia.org/wiki/Python\_(programming\_language)

Wikimedia Foundation, Inc. (2019, May 7). *Visual Studio Code*. Retrieved from Wikipedia: https://en.wikipedia.org/wiki/Visual\_Studio\_Code