DEVELOP THE PYTHON SCRIPT

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Python scripting language

What is a scripting language?

- A scripting language, script language or extension language is a programming language that allow control of one or more software application.

- Script are often interpreted from source code or bytecode whereas the application they control are traditionally compiled to native machine code.

- Scripting language are nearly always embedded in the application they control.

What's it used for?

- ✓ They can be used create specialized GUI's and form that enhance the convenience of search engines.

- ✓ Web based e-mail and e-commerce are all created through the used of scripting language.

- ✓ "many web sites require that the user's browser be set to run script to take advantage of all the features of the site.

Why python?

✓ Python language based off of the scripting language of C++ and jave.python has focused primarily to make the coding and execution themselves easier than its counterparts.

✓ This make it a basic and a must have for beginner programmers due to its extreme ease a difficulty when compare to C++ java.

✓ Python program generally run slower than others like java.

Python compared to C++and java

✓ Python support the use of function and classes but does not force it. Simple programs are made to be as simple as possible for the programmer.for example consider the "hellow world"program in python.

✓ Print "hellow world!"

✓ C++ require this program to be wrapped in a function and preceded by a preprocessor directive.

Program

Program in python:

Print "Hello world!"

C++

#include<iostream.h>int main(){

Cout<<"Hello world!",}

Java

Public class helloworld{

Public static void main(string[]args){

System.out println(Hello world !"):}

Where's it going

✓ Python is identely leading the way for a reform in program language.

✓ People are still used to java or C++it is well past the time that writing up program should now be easier.

✓ A python program to be written up compared to an equilent one in java or C++.