爱创课堂前端培训

# NodeJS第一天

第1天课堂笔记（本课程共6天）

班级：北京前端训练营19期

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爱创课堂官网 ：[www.icketang.com](http://www.icketang.com)

# NPM

NPM：NodeJS Package Manager NodeJS的模块管理器

NodeJS是模块化开发的。有两种模块。一种是自带的内置核心模块，一种是其它程序人员编写的第三方模块。

NPM是用来管理所有的第三方模块的。

比如 程序员A开发了一个模块a。程序员B开发了一个模块b。他俩分别处于南北半球。但是又正好需要对方开发出来的模块。此时如果他们都上传自己的模块到NPM。那么他们就可以搜索NPM上是否有自己需求的模块。就可以搜索得到。但是如果没有NPM，那么他们只能各自再开发一个对方的模块。就重复开发了。

官网：<https://www.npmjs.com/>

NPM已经集成在NodeJS的安装包中。

查看NodeJS版本：

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查看NPM版本：

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# 环境变量

windows系统中，有一个地方叫做环境变量。它可以监控所有的命令。只要你配置了环境变量。

它是一个配置项，配置的值是一个一个的字符串路径。比如：如果不配置环境变量，那么一个程序只可以在它的安装目录下调用。如果配置了环境变量：将该程序的所在目录字符串放到环境变量中，那么就可以在任意的地方去调用该程序。

举例：安装nodeJS时，我故意将addToPath选项取消。那么安装完毕之后，NodeJS不会将自身的所在路径加入到环境变量中。那么Node命令将只能够在安装目录下调用。

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| 1. 在外部调用失败  1. 切换到安装目录下  1. 调用成功 |

现在，我将NodeJS的安装目录 C:\Program Files\nodejs放入环境变量中

打开环境变量的方式： 右击桌面的计算机，选择属性 => 在新打开的面板中找到高级系统设置，弹出一个系统属性面板 => 选择“高级”选项卡（一般会默认） => 在该面板下选择环境变量按钮并点击 => 弹出一个新的面板 从系统变量中找到Path选项=> 如果是win7系统，则弹出的面板中所有的路径字符串都在一行，此时需要在每一个路径字符串之后，添加一个英文半角分号。并将刚刚复制的C:\Program Files\nodejs放在最后。保存即可。 如果是win10 则添加会弹出一个全新的面板。此时粘贴并保存即可。每一个面板都需要点击确定。

此时，打开一个新的命令面板。输入node -v测试是否配置成功。

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