Web

XAMPP

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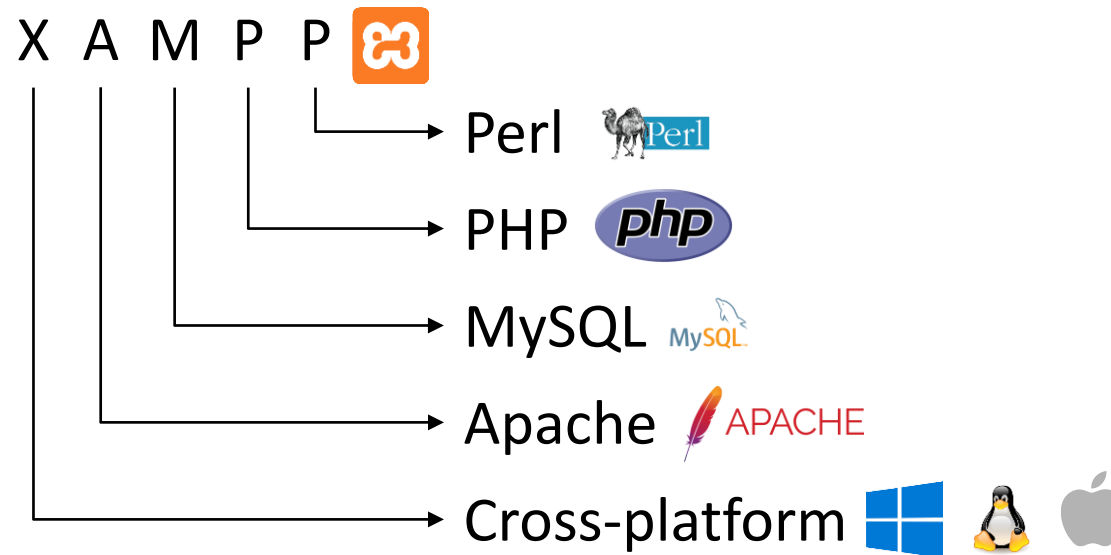DCT DEPARTAMENTO **CIÊNCIA E TECNOLOGIA**

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CONTENT

1. XAMPP
   1. Cros-platform
   2. Apache
   3. MySQL
   4. PHP
   5. Perl

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What is XAMPP?

X A M P P

→ Perl

→ PHP

→ MySQL

→ Apache

→ Cross-platform

https://www.apachefriends.org/index.html

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[X]AMPP: Cross-platform

- Multiple platforms

- Cross-platform: software or computational methods that can be implemented and work despite the platform used

- Works independently of the platform chosen (e.g.: Operating System)

X[A]MPP: Apache

APACHE

- Web server software

- Works based on HTTP protocol

- Virtual hosting: allows one computer/server to serve several websites

- Supports several programming languages: PHP, Perl, Python

- Apache Tomcat: Special server for Java programming language

https://www.apache.org/

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XA[M]PP: MySQL (or MariaDB)

MySQL

- Opensource database

- Relational database management system

  - Data is stored as tables

  - Data is obtained by performing queries on the database

https://www.mysql.com/

MariaDB

- Opensource database

- Developed by the same team that developed MySQL

  - After MySQL was bought by Oracle

  - Same funcionalities as MySQL

https://mariadb.org/

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XAM[P]P: PHP

- PHP: Hypertext Preprocessor (at the beginning: Personal Home Page)

- Server-side scripting language
  - Also used as a generic programming language

- Used to create dynamic web pages

- Code can be directly embedded on HTML

https://www.php.net/
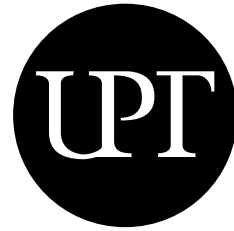
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XAMP[P]: Perl

- Programming language created to generate reports

- Used in CGI (*Common Gateway Interface*) web applications, Linux systems administration, applications that need string manipulation

https://www.perl.org/

Do conhecimento à prática.