

Beginning Lua

Introduction

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pluralsight 
hardcore developer training

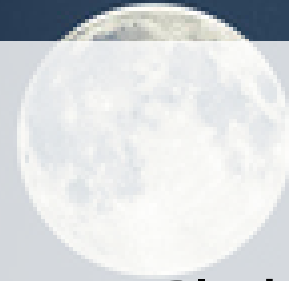
Who This Course Is For



Caution: you are not required to wear a tie to watch this course

What This Course Covers

- **Module 1: Introduction**
 - What is Lua?
 - Where Lua is used
- **Module 2: Variables, Expressions, Statements, Blocks**
 - Types, variables and assignment
 - Expressions, loops and conditionals
- **Module 3: Functions and Data Structures**
 - Functions and tables
- **Module 4: Object Oriented Code Organization**
 - How to use OO in Lua
- **Module 5: The Standard Library**
 - Math, I/O, Strings



What is Lua?



Lua means moon in Portuguese

Qualities of Lua

- Very fast scripting language
- Runs anywhere there is a C compiler
- Meta focused
- Small
 - 20k lines of C code
- **FREE!**
 - MIT license



Lua is a very flexible, easy to learn and small

History of Lua

- Lua 1 – Jul 1993
- Lua 2 – Feb 1995
- Lua 3 – July 1997
- Lua 4 – Nov 2000
- Lua 5 – Apr 2003



Lua made its way out of academia

Where Lua is Used

The screenshot shows the Adobe Photoshop Lightroom 5 product page. The top navigation bar includes links for Products, Business solutions, Support & Learning, Download, Company, and Buy, along with a search bar. The main heading is "Adobe Photoshop family / Adobe Photoshop Lightroom 5". Below this is a sub-navigation bar with links for Overview, Features, Tech specs, Reviews, FAQ, and Showcase, and a "Buying guide" link. The main content area features a large image of a forest with a person standing in the center, surrounded by a complex structure of white, branching, light-like elements. A video player icon is visible on the left side of the main image. The text "See your images in a whole new light." is prominently displayed, followed by "All-new Lightroom 5. Essential tools for extraordinary photography." On the right side, there is a "Log in" button, a "Student" link, and a "Purchase by" section with a phone number. Below these are "Related products" including Photoshop.

Adobe

Products Business solutions Support & Learning Download Company Buy Search

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Adobe Photoshop family /

Adobe Photoshop Lightroom 5

Overview Features Tech specs Reviews FAQ Showcase Buying guide

See your images in a whole new light.

CC All-new Lightroom 5. Essential tools for extraordinary photography.

Log in

Photoshop Perfect your to finish.

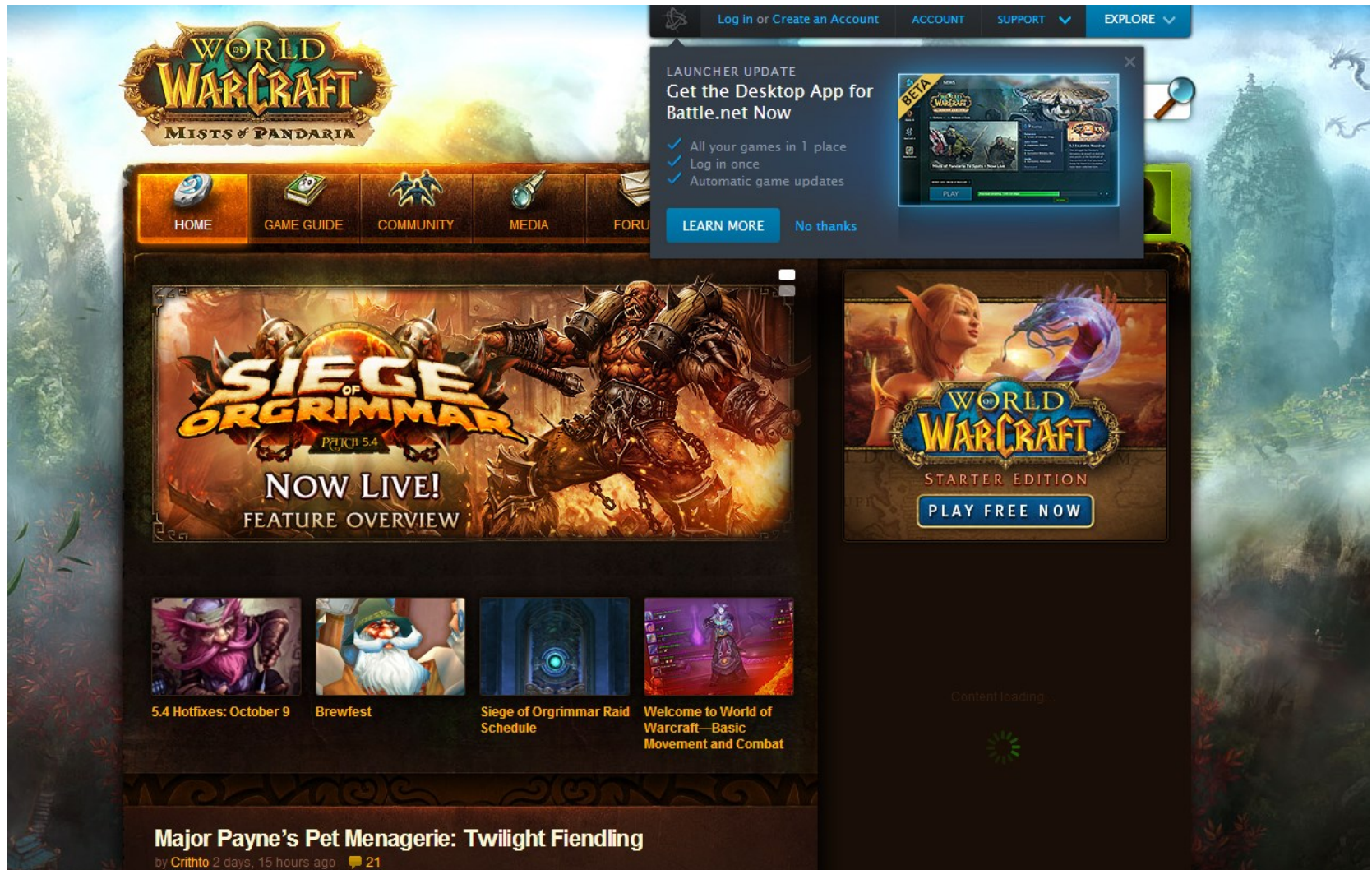
Student

Purchase by 800-566-0777

Related products

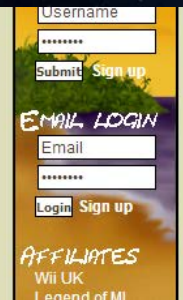
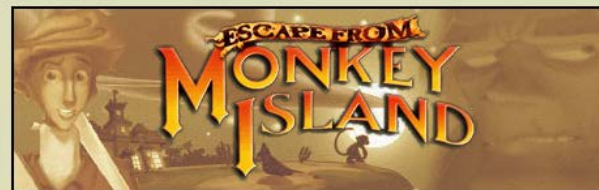
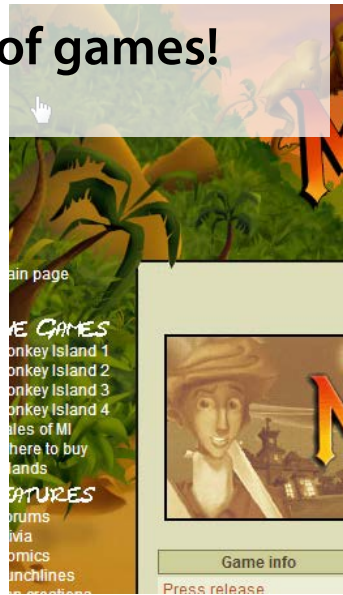
Photoshop Photoshop Photoshop Photoshop

Where Lua is Used



Where Lua is Used

- Apache HTTP Server
- Lego Mindstorms
- MySQL Workbench
- Redis
- VLC Media Player
- Wireshark
- Lots and lots of games!



Up Next



We'll be going over the basics of Lua