

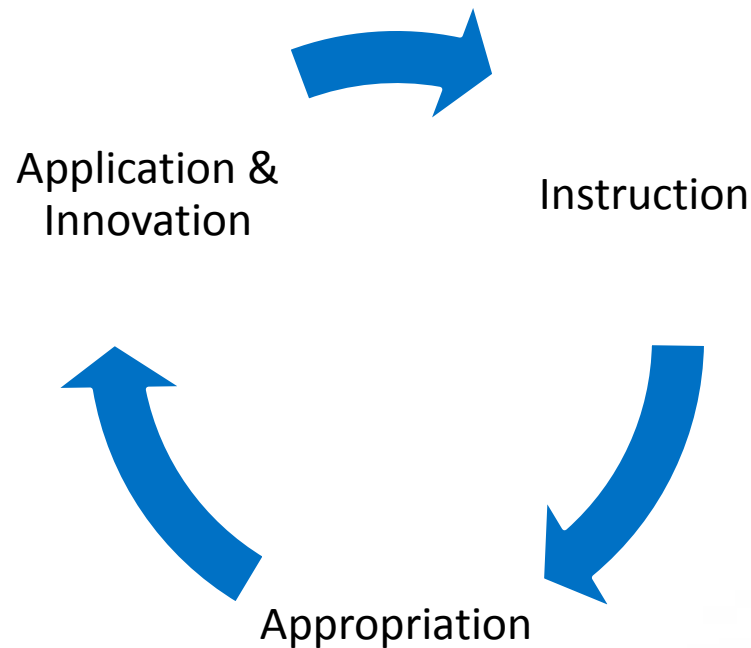


Introducing Embedded Linux to universities

Victor Rodriguez

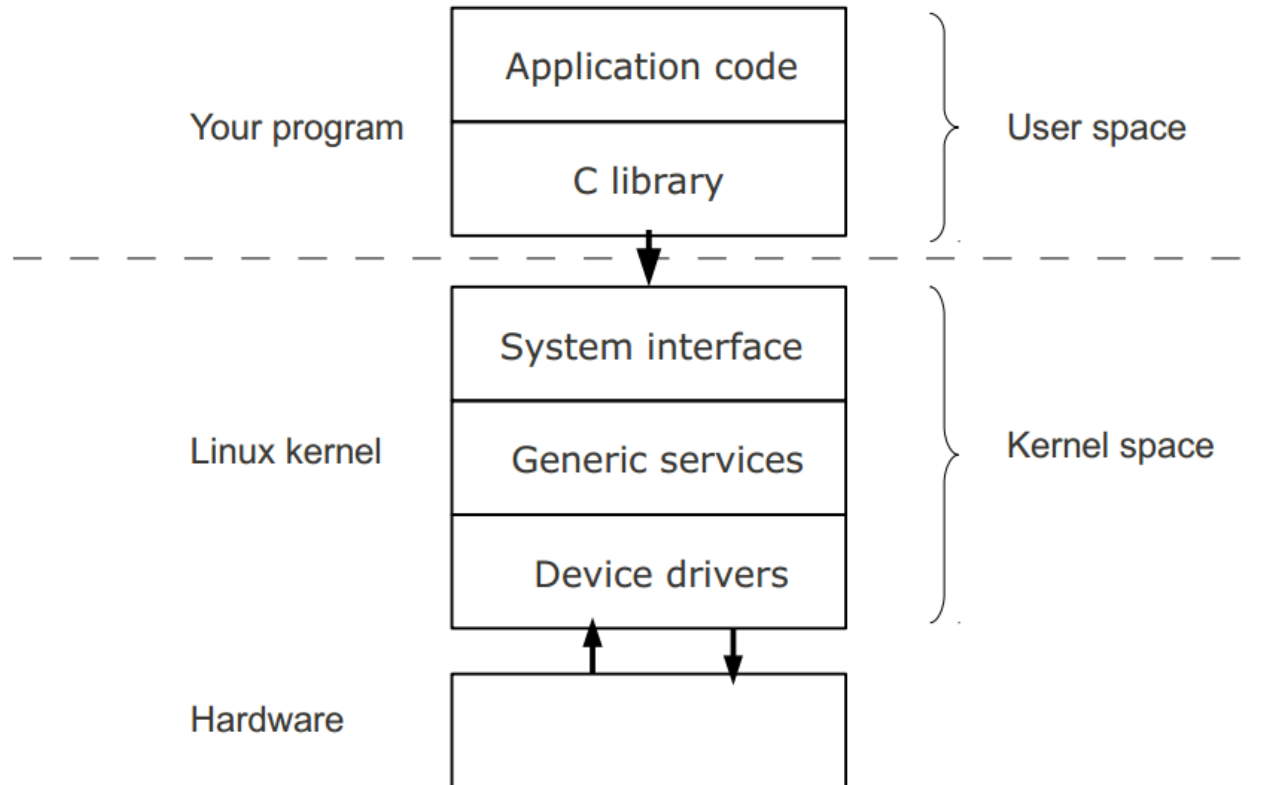
This is a story about

An education framework



SOFTWARE AND SERVICES

The Big Picture



The Big Picture



APP Development



Application & Innovation



Appropriation



Instruction



HW

Recognize

Analyze

Apply

Connect

Create

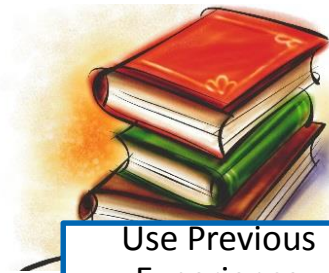
Evaluate

Understand

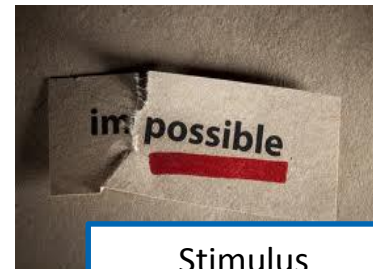
Remember



Socialization



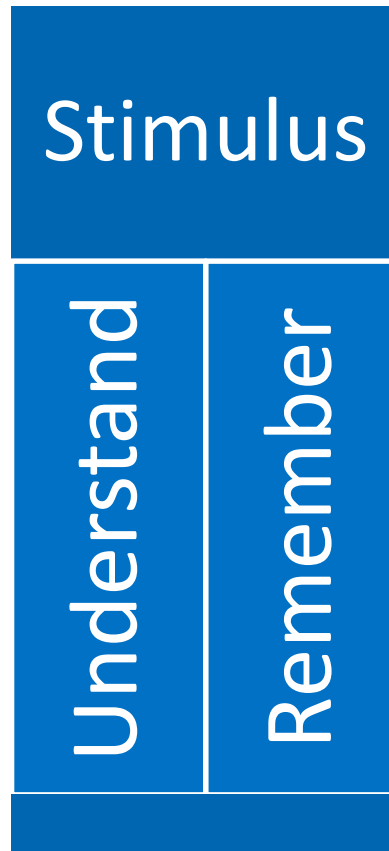
Use Previous Experience



Stimulus

SOFTWARE AND SERVICES

Instruction



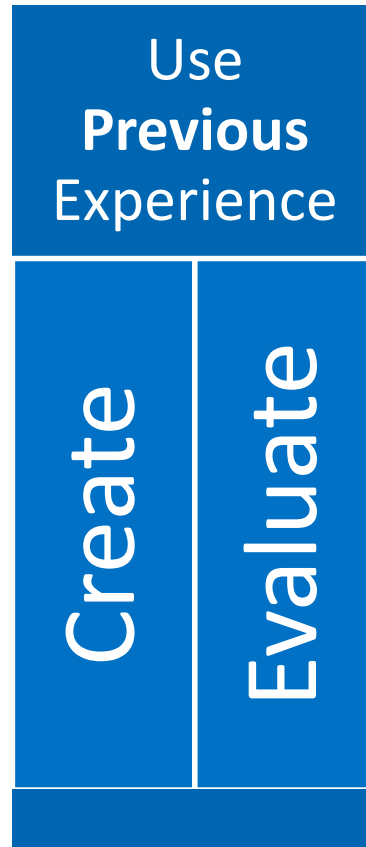


Google
facebook.

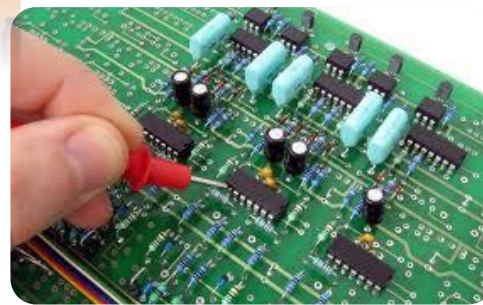
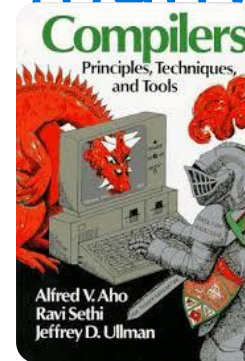
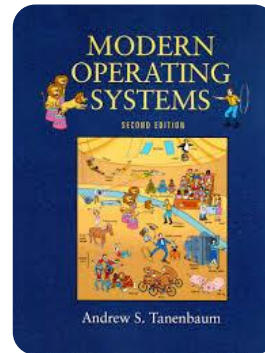
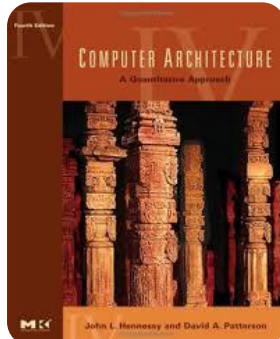
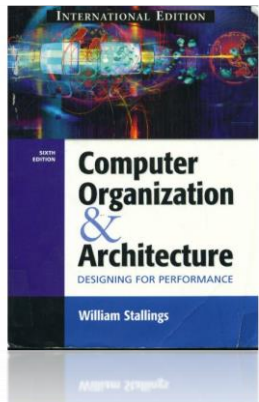
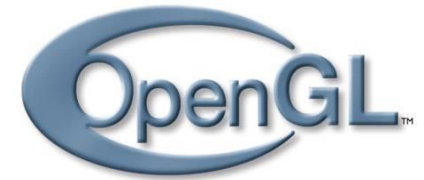


SOFTWARE AND SERVICES

Appropriation



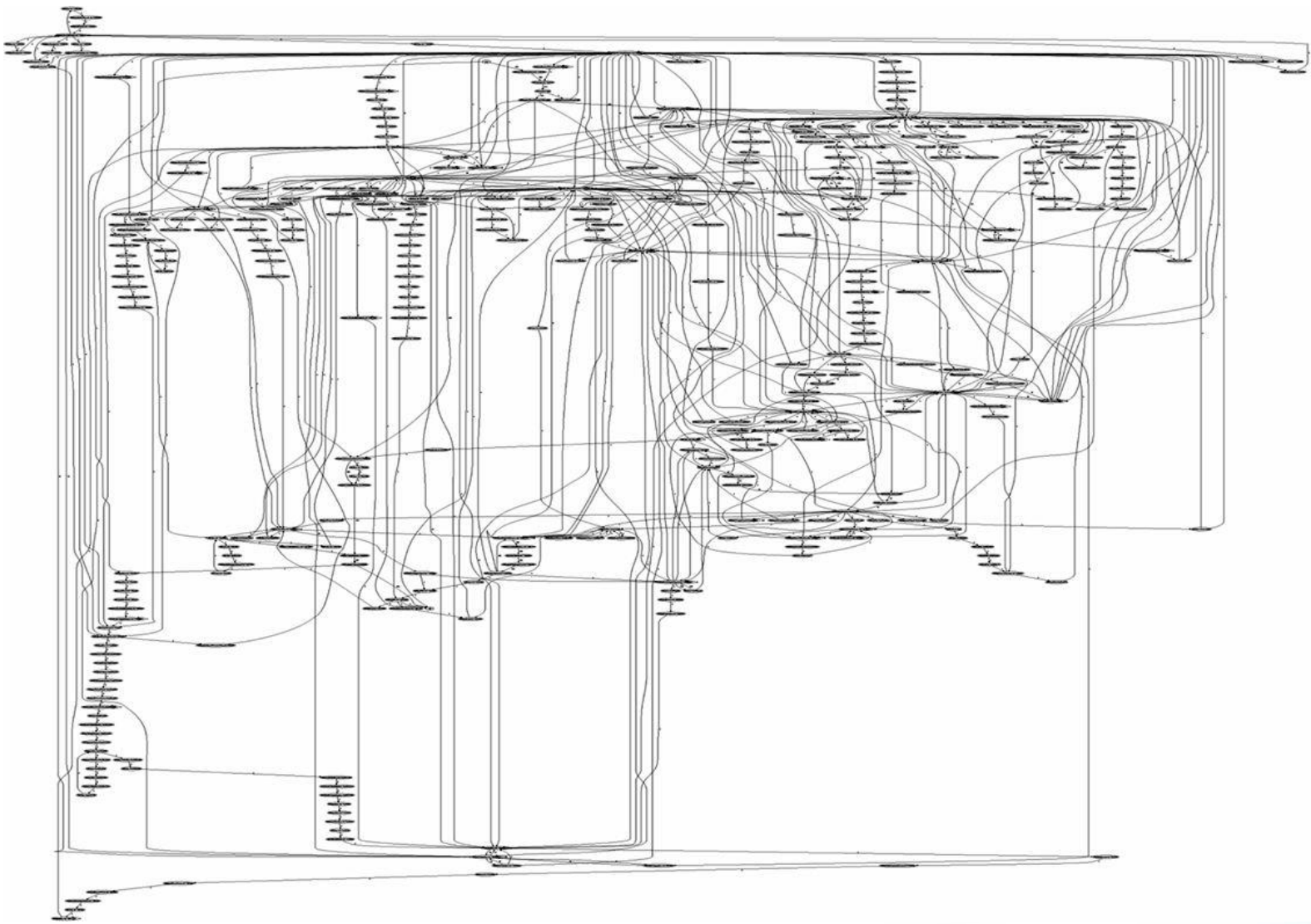
They already know many things..



SWI Prolog

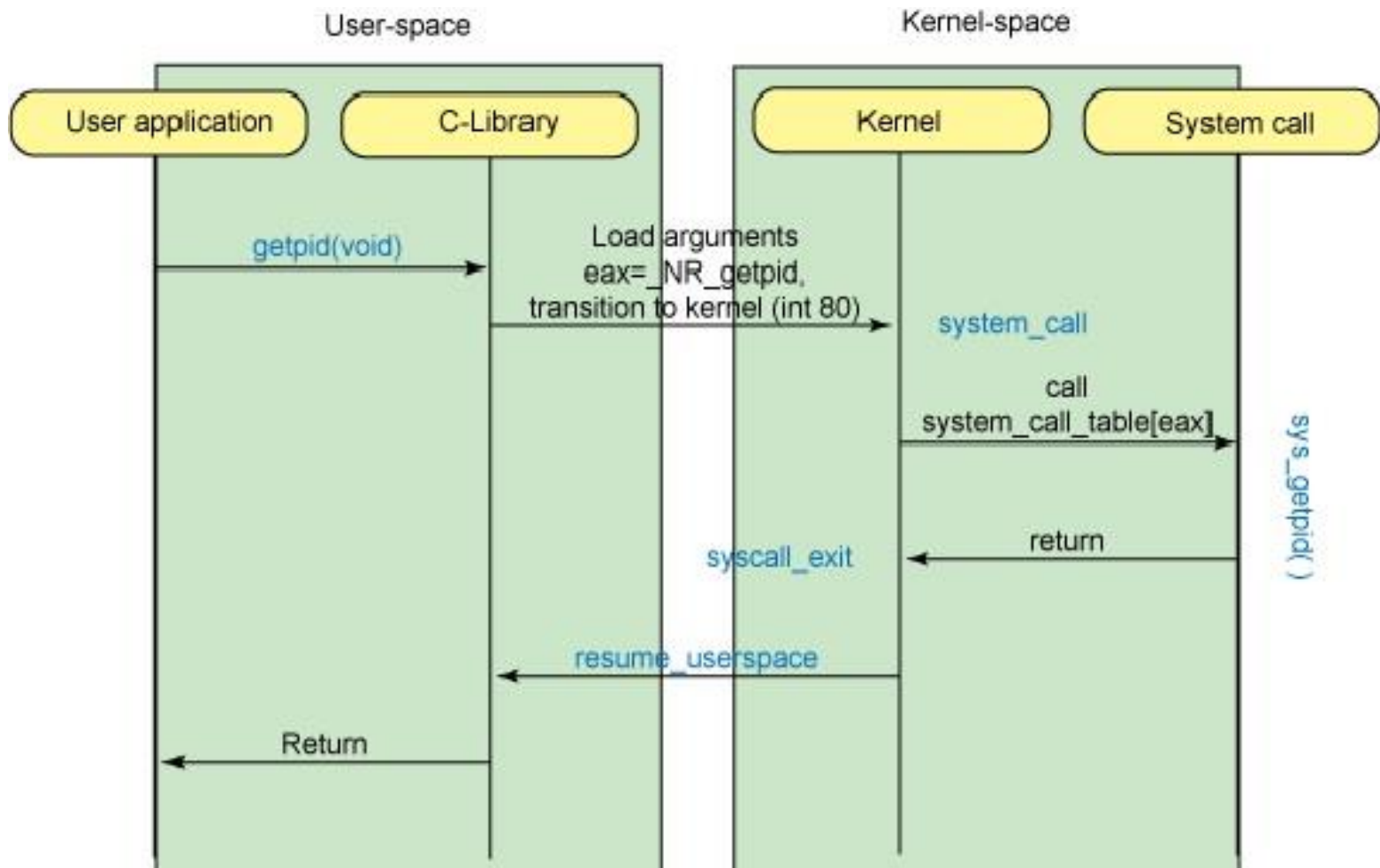


SOFTWARE AND SERVICES



System Calls ?

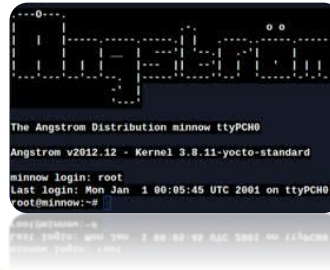
SOFTWARE AND SERVICES



Oh !!!!

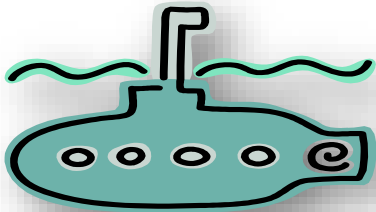
System Calls

Teach them to build:



File
System

Kernel

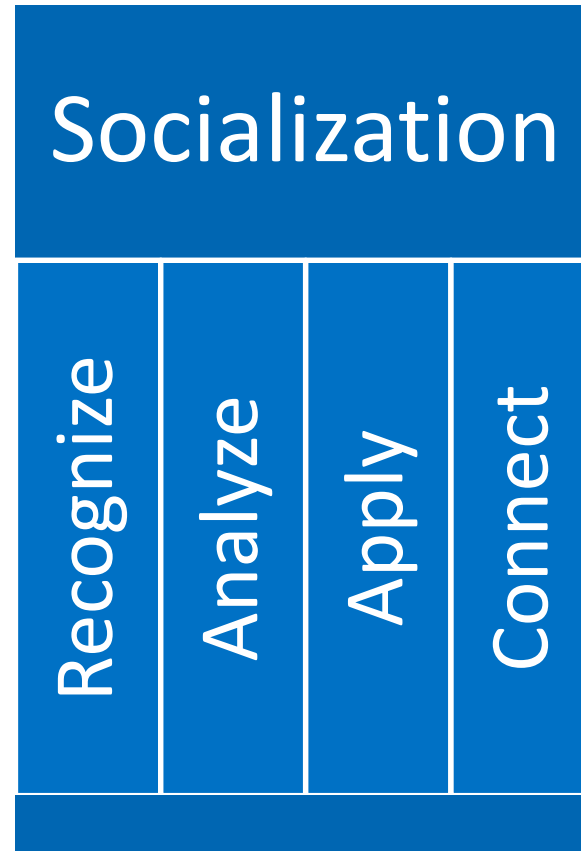


Boot
Loader



SOFTWARE AND SERVICES

Application & Innovation



- Real Problems
- Social baggage
- Innovate**



SOFTWARE AND SERVICES

The Big Picture again ..



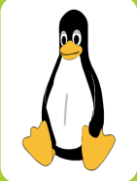
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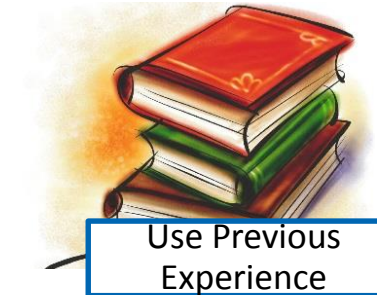
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Understand

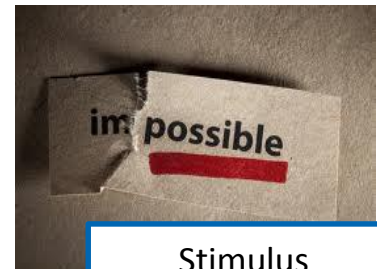
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SOFTWARE AND SERVICES



SOFTWARE AND SERVICES

