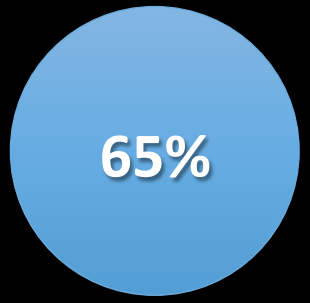
Parallels™

What Parallels is?

Hosting and Cloud Solutions

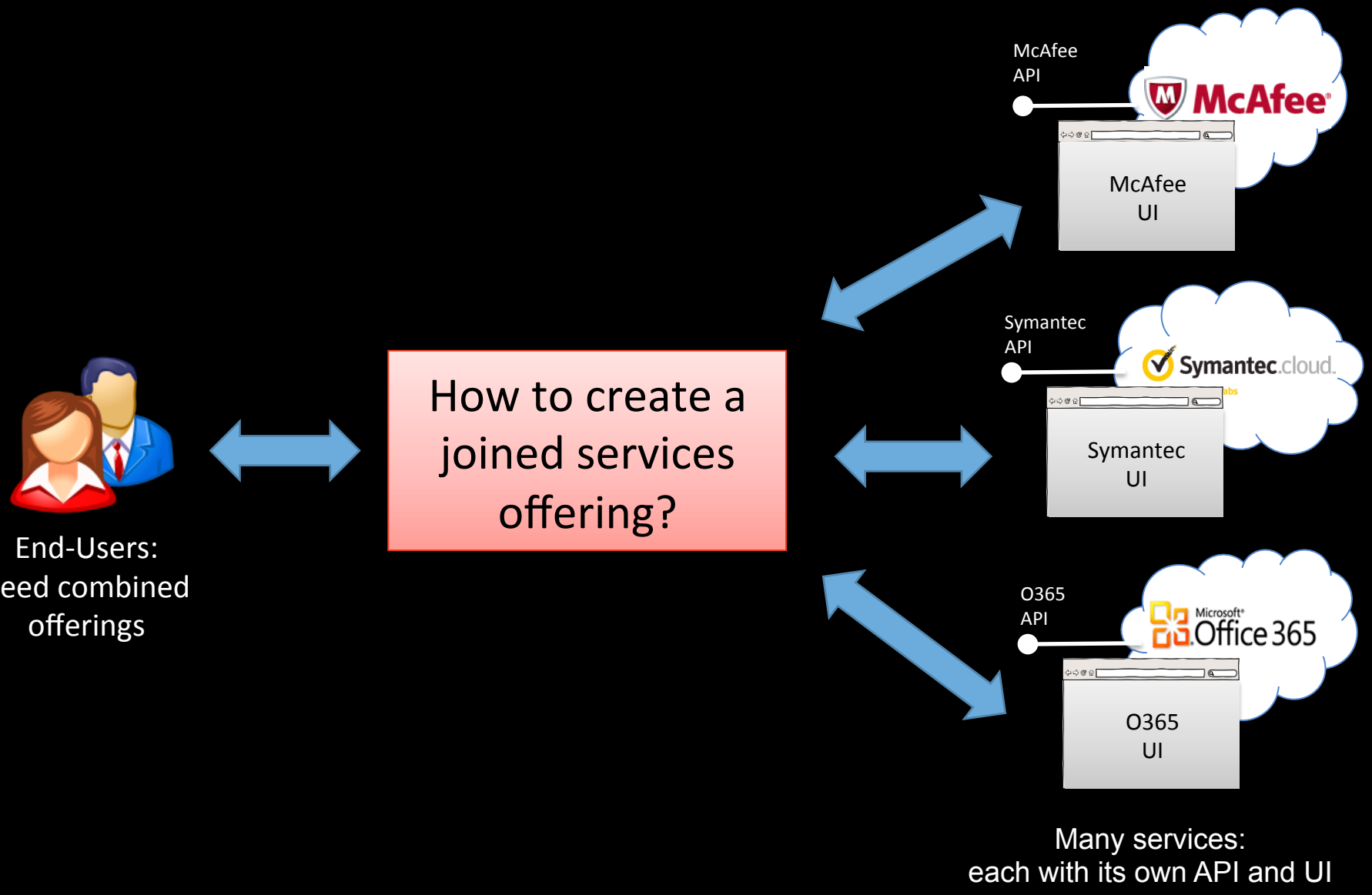
- ✓ Hosting and Cloud Automation
- ✓ Web management
- ✓ Cloud Infrastructure



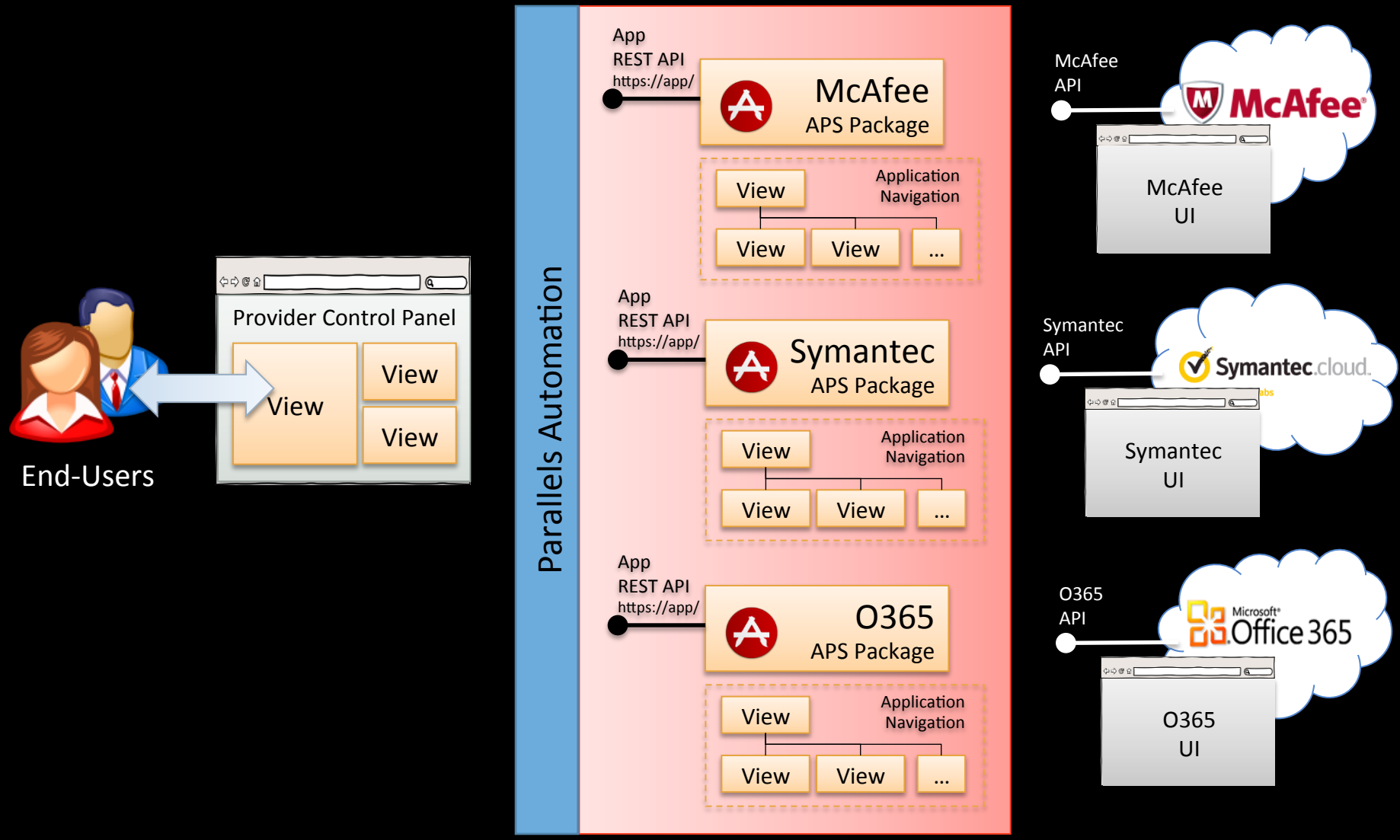
Cross Platform Solutions

- ✓ Parallels Desktop for Mac
- ✓ Remote desktop access
- ✓ Macs management

Why APS?


McAfee
API
McAfee
UI
Symantec
API
Symantec.cloud
Symantec
UI
O365
API
Microsoft Office 365
O365
UI
How to create a joined services offering?
End-Users:
need combined
offerings
Many services:
each with its own API and UI

What is APS?


Provider Control Panel
View
View
View
End-Users
Parallels Automation
App
REST API
https://app/
McAfee
APS Package
View
Application
Navigation
View
View
...
App
REST API
https://app/
Symantec
APS Package
View
Application
Navigation
View
View
...
App
REST API
https://app/
O365
APS Package
View
Application
Navigation
View
View
...
McAfee
API
McAfee
McAfee
UI
Symantec
API
Symantec.cloud
Symantec
UI
O365
API
Microsoft
Office 365
O365
UI

APS Ecosystem

Development Portal

Documentation

APS Catalog

Development Tools

command line tools

APS IDE

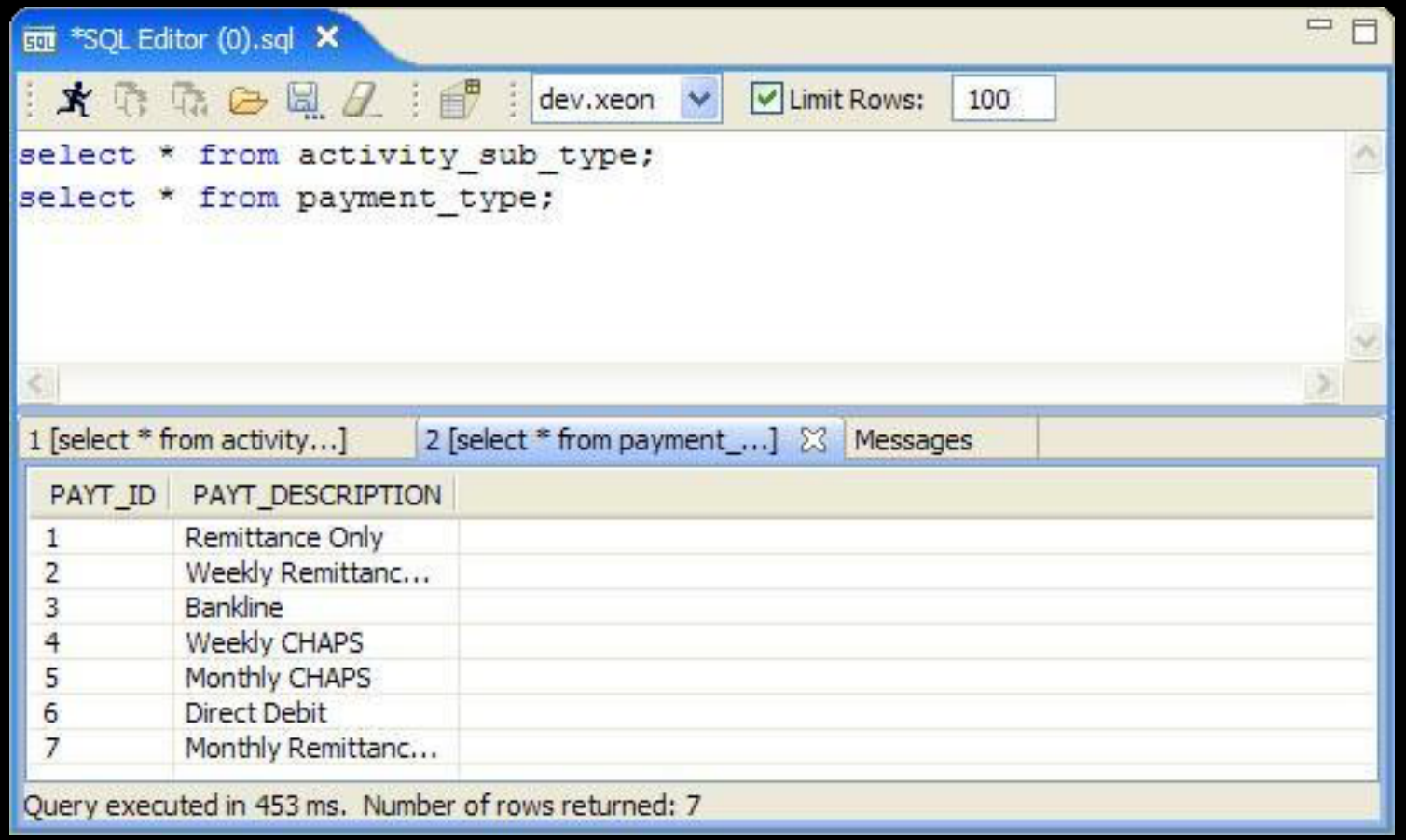
Parallels

Student Projects

Parallels

Visual editor for RQL (Resource Query Language) expressions

Like this SQL editor:



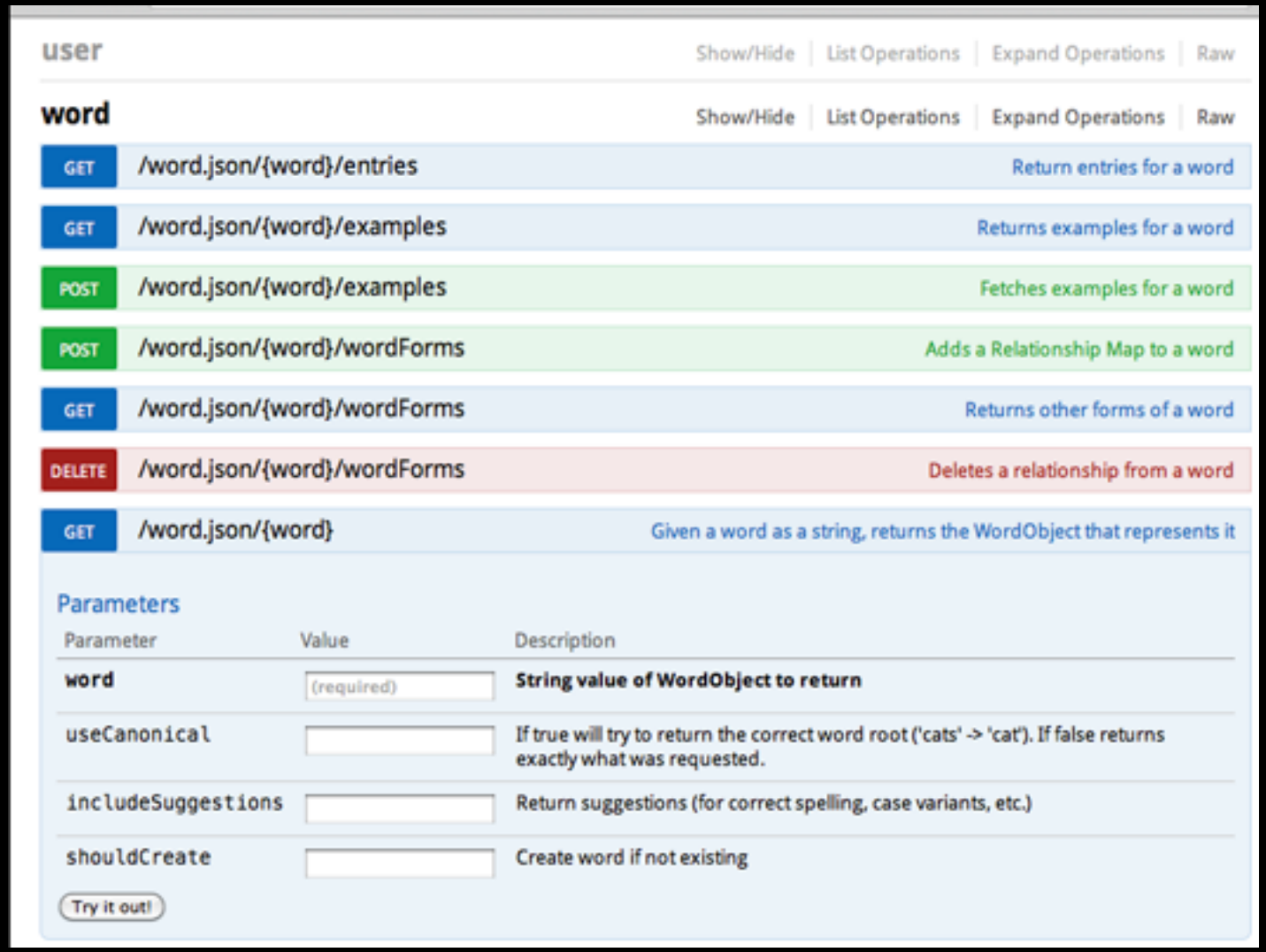
Parallels

Python/Java Runtime for APS2

python™

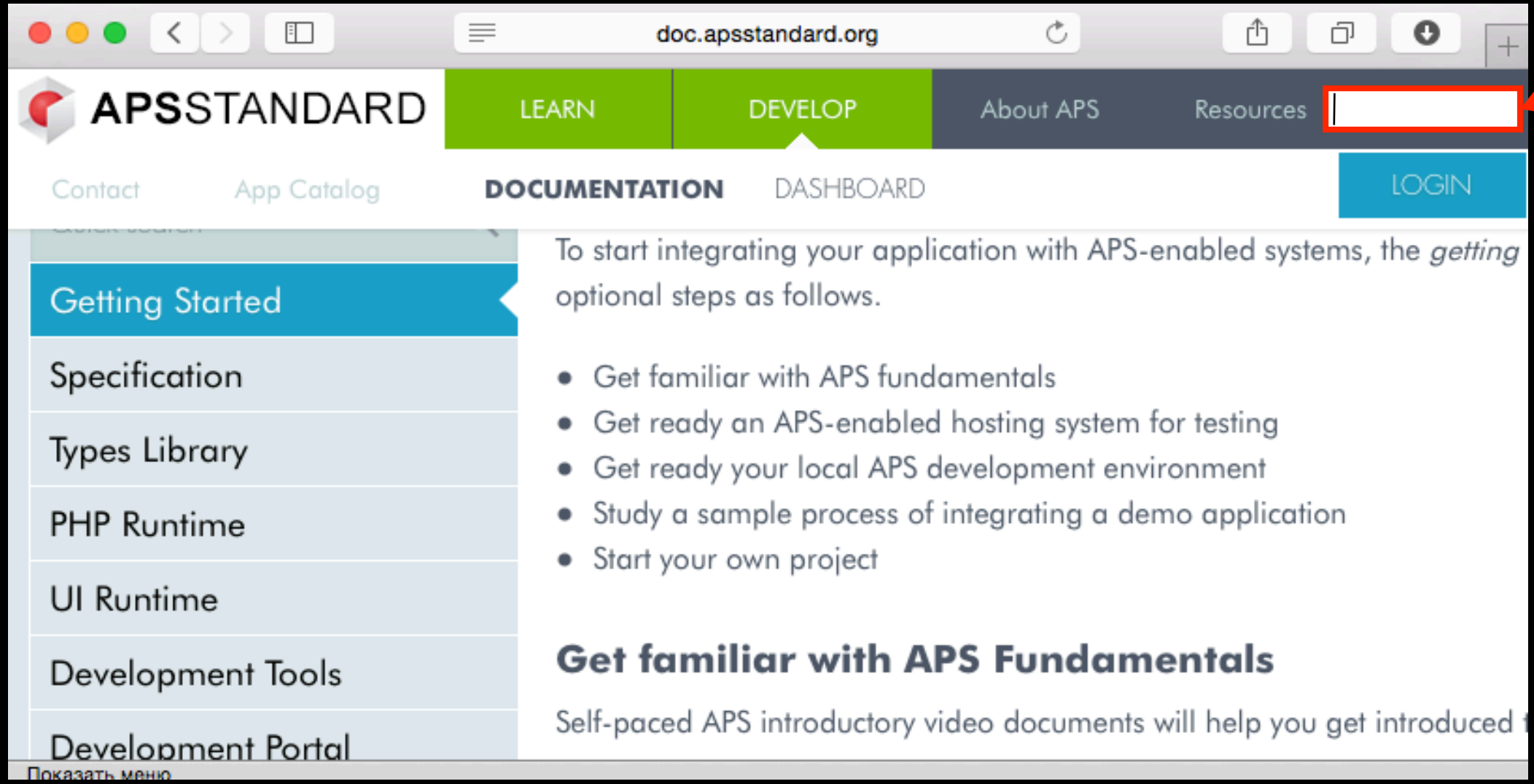
Java™

Web plug-in for displaying APS-type in HTML (embedded into Sphinx)



Parallels

Research, choose and prototype search engine for web-portal (Sphinx Search, Lucene, PGSQL, more?)



NGINX web-server performance optimization on Windows platform with contribution to the OpenSource project of NGINX

1. Web server NGINX has some known performance limitations on Windows:
   - The cache and other modules which require shared memory support do not work on Windows Vista and later versions due to address space layout randomisation being enabled in these Windows versions.
   - It uses select() instead of I/O completion ports – thus is less efficient then possible

2. 64-bit support on Windows

Summary

http://dev.apsstandard.org/develop/

1. Visual editor for RQL expressions
   http://doc.apsstandard.org/2.1/spec/rql/
2. Python/Java Runtime for APS2
   http://doc.apsstandard.org/2.1/spec/runtime/
3. Web plug-in for displaying APS-type in HTML
4. Research, choose and prototype search engine for web-portal
5. NGINX web-server performance optimization on Windows
   http://nginx.org/en/

Thank You !

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