



What Parallels is?

Hosting and Cloud Solutions

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

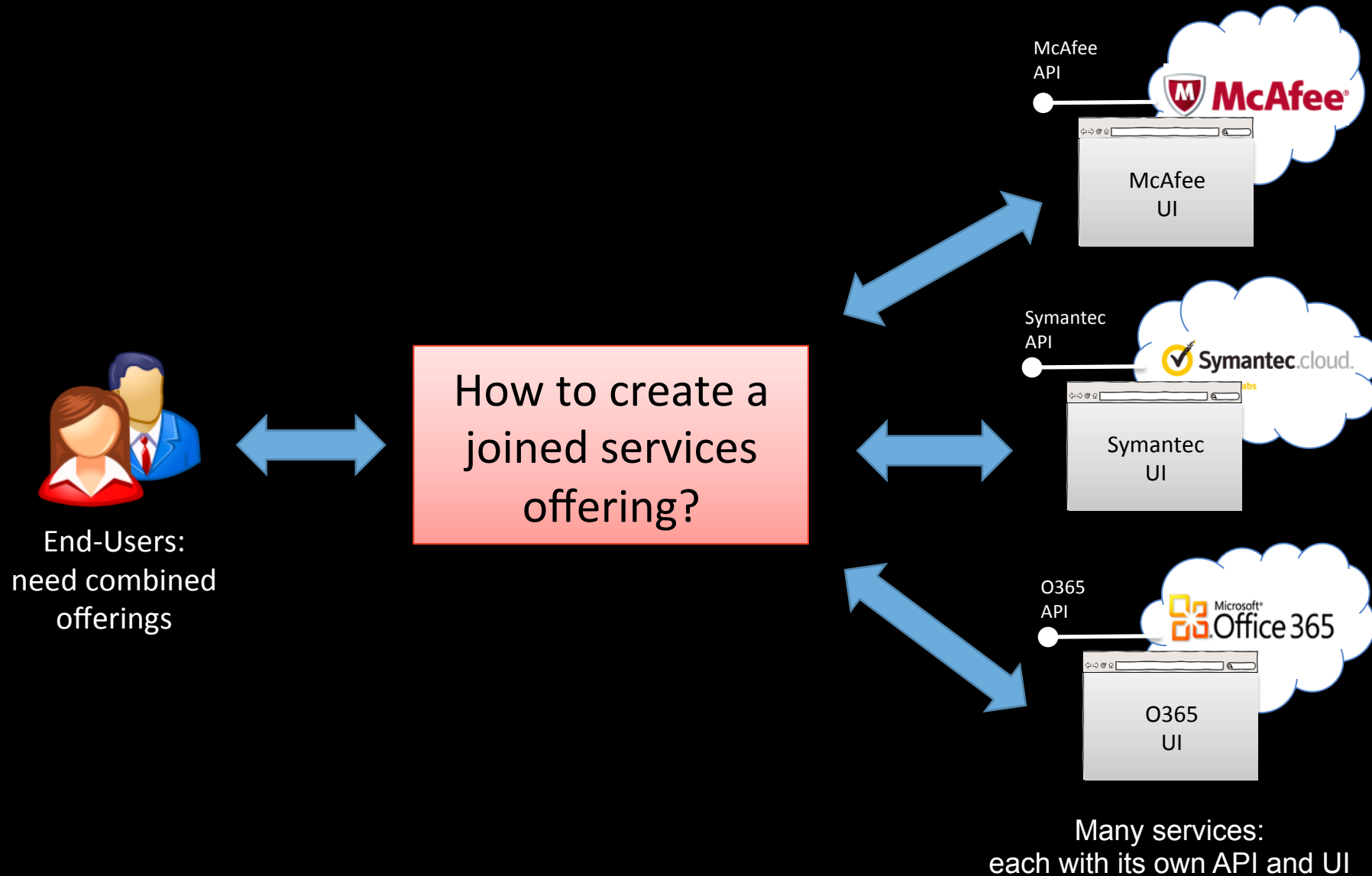
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Cross Platform Solutions

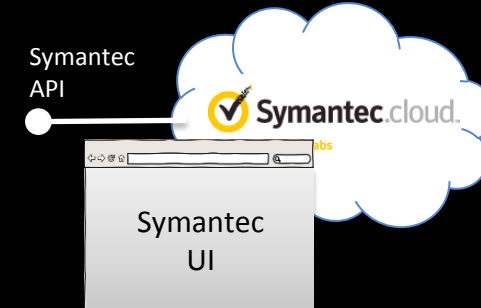
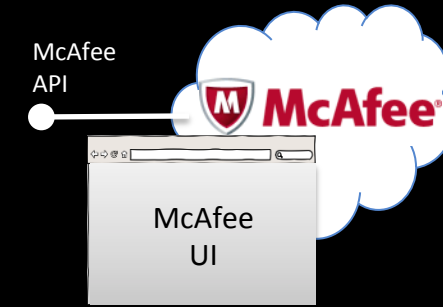
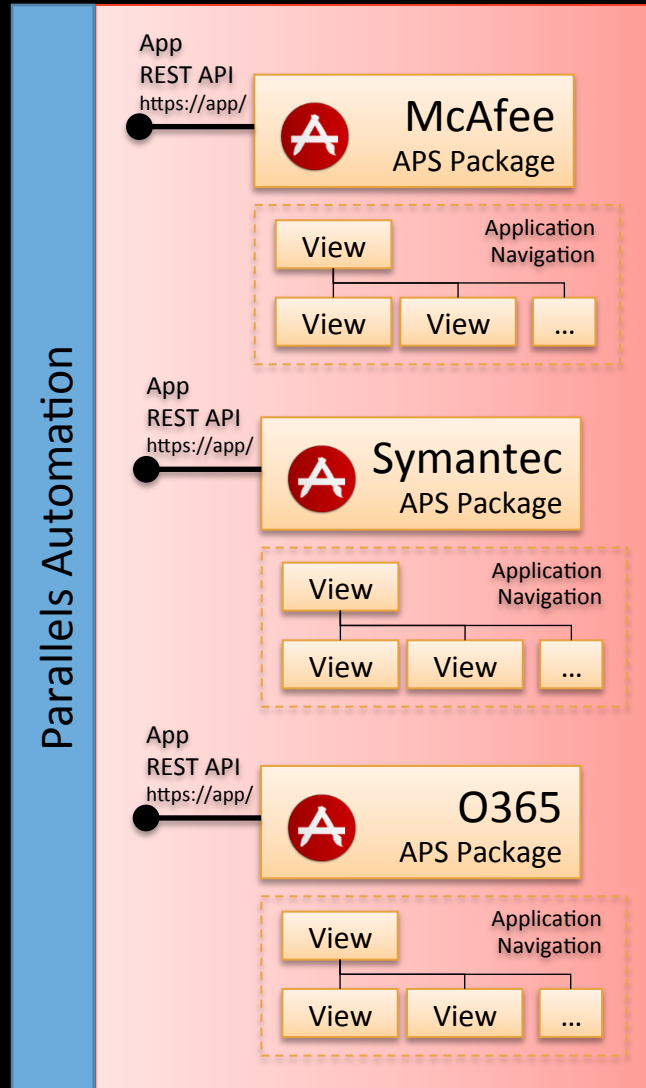
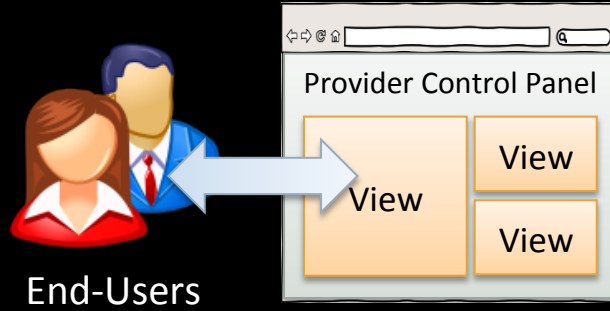
- ✓ Parallels Desktop for Mac
- ✓ Remote desktop access
- ✓ Macs management

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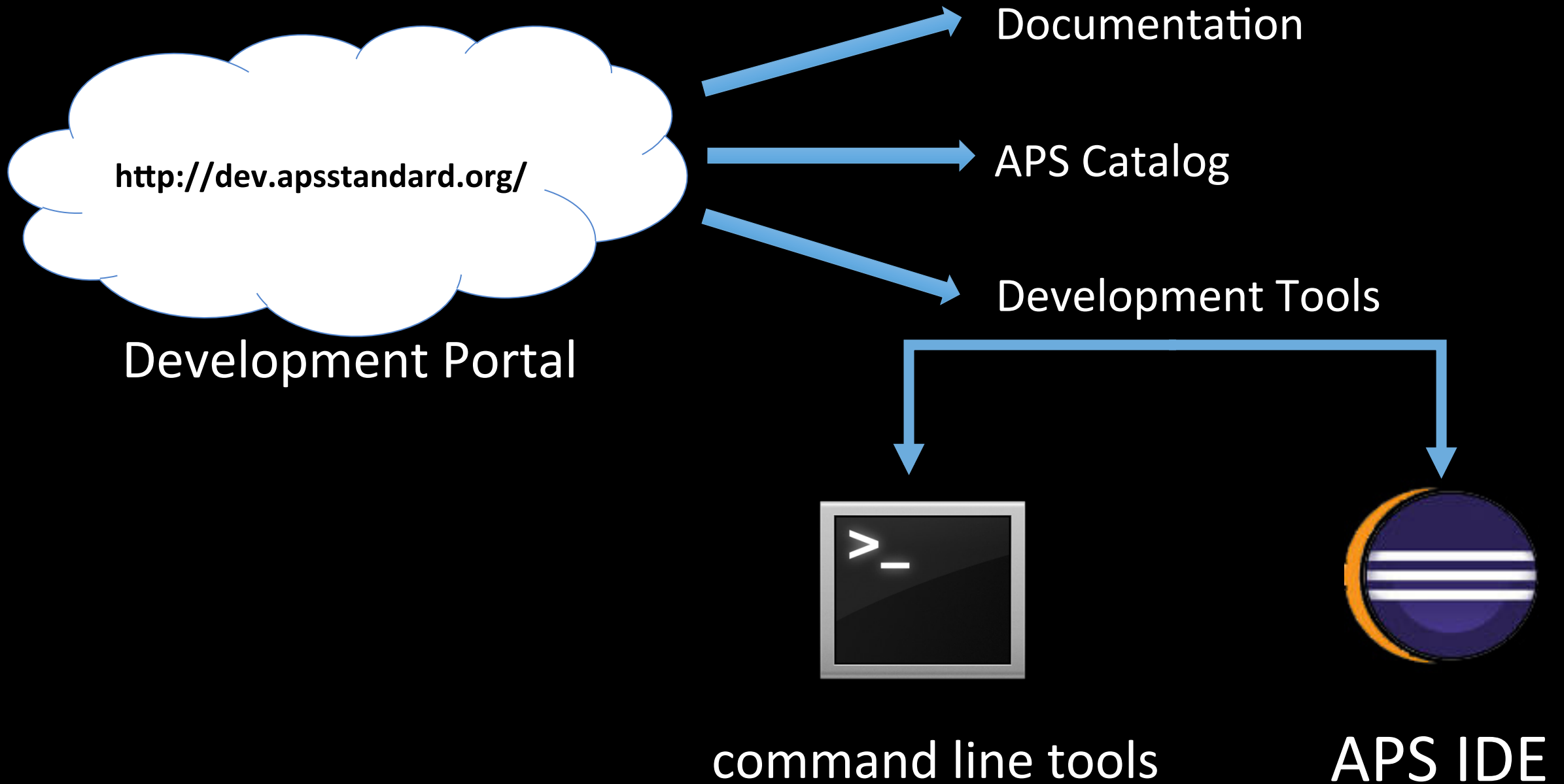
Why APS?



What is APS?



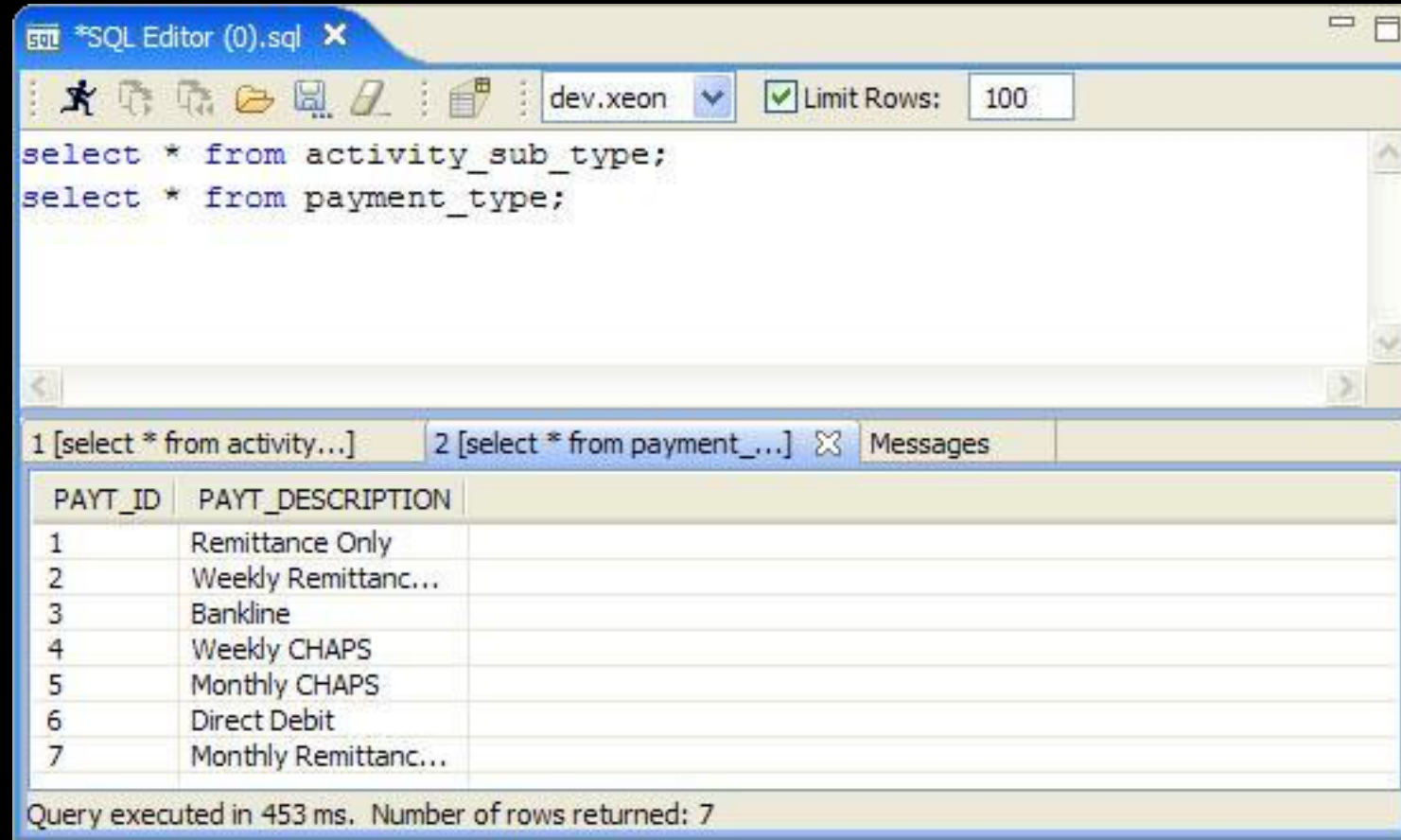
APS Ecosystem



Student Projects

Visual editor for RQL (Resource Query Language) expressions

Like this SQL editor:



The screenshot shows a window titled "*SQL Editor (0).sql". The toolbar includes icons for undo, redo, save, and a dropdown menu set to "dev.xeon". A "Limit Rows" checkbox is checked and set to "100". The query editor contains the following SQL:

```
select * from activity_sub_type;
select * from payment_type;
```

The results pane shows two tabs: "1 [select * from activity...]" and "2 [select * from payment...]". The second tab is active, displaying a table with the following data:

PAYT_ID	PAYT_DESCRIPTION
1	Remittance Only
2	Weekly Remittanc...
3	Bankline
4	Weekly CHAPS
5	Monthly CHAPS
6	Direct Debit
7	Monthly Remittanc...

At the bottom of the window, a status bar indicates: "Query executed in 453 ms. Number of rows returned: 7".

Python/Java Runtime for APS2



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

user [Show/Hide](#) | [List Operations](#) | [Expand Operations](#) | [Raw](#)

word [Show/Hide](#) | [List Operations](#) | [Expand Operations](#) | [Raw](#)

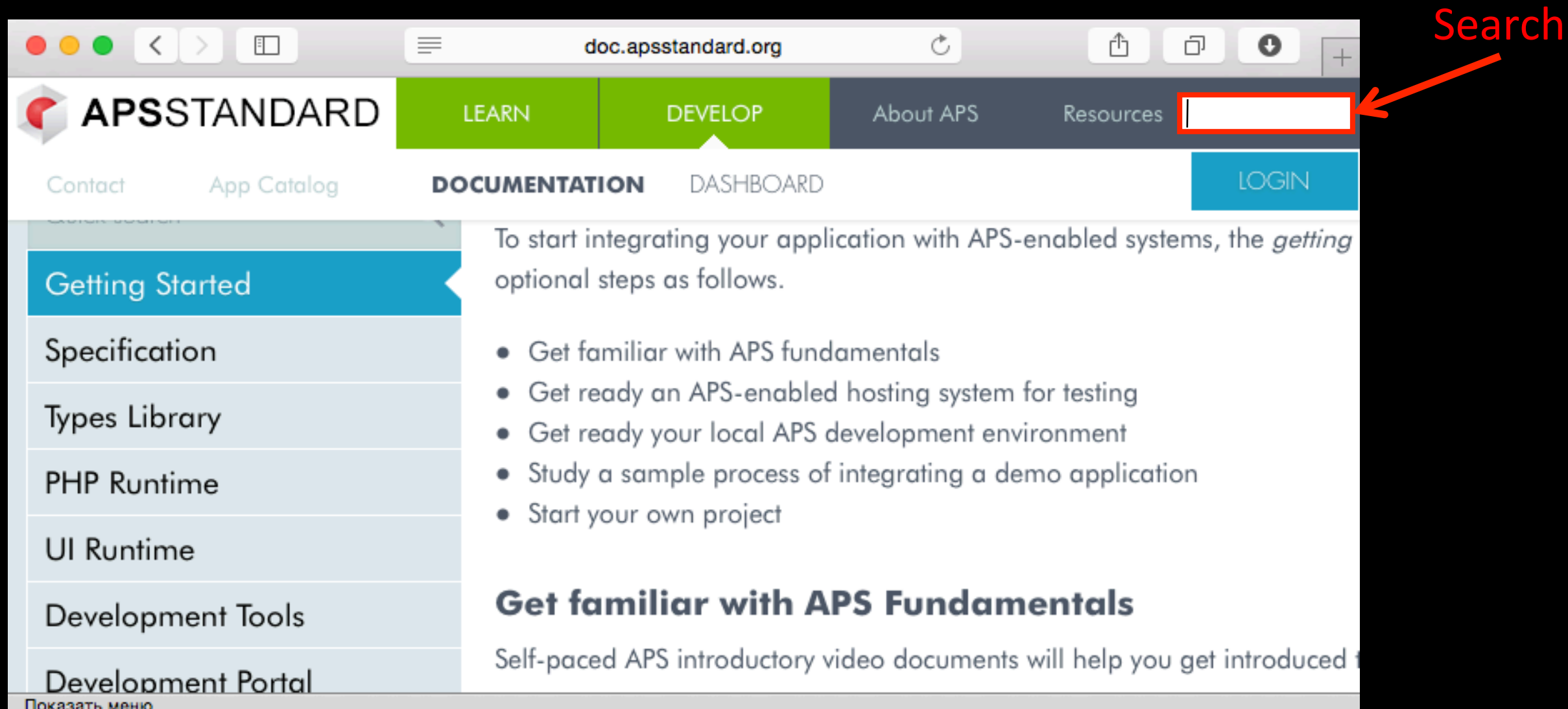
GET	/word.json/{word}/entries	Return entries for a word
GET	/word.json/{word}/examples	Returns examples for a word
POST	/word.json/{word}/examples	Fetches examples for a word
POST	/word.json/{word}/wordForms	Adds a Relationship Map to a word
GET	/word.json/{word}/wordForms	Returns other forms of a word
DELETE	/word.json/{word}/wordForms	Deletes a relationship from a word
GET	/word.json/{word}	Given a word as a string, returns the WordObject that represents it

Parameters

Parameter	Value	Description
word	<input type="text" value="(required)"/>	String value of WordObject to return
useCanonical	<input type="text"/>	If true will try to return the correct word root ('cats' -> 'cat'). If false returns exactly what was requested.
includeSuggestions	<input type="text"/>	Return suggestions (for correct spelling, case variants, etc.)
shouldCreate	<input type="text"/>	Create word if not existing

[Try it out!](#)

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



The image shows a browser window displaying the APSSTANDARD website. The URL in the address bar is `doc.apsstandard.org`. The website has a navigation bar with the following items: **APSSTANDARD**, **LEARN**, **DEVELOP**, **About APS**, **Resources**, and a search input field. Below the navigation bar, there are links for **Contact**, **App Catalog**, **DOCUMENTATION**, **DASHBOARD**, and a **LOGIN** button. The main content area is titled **Getting Started** and contains the following text:

To start integrating your application with APS-enabled systems, the *getting* optional steps as follows.

- Get familiar with APS fundamentals
- Get ready an APS-enabled hosting system for testing
- Get ready your local APS development environment
- Study a sample process of integrating a demo application
- Start your own project

Get familiar with APS Fundamentals

Self-paced APS introductory video documents will help you get introduced to

A red box highlights the search input field, and a red arrow points to it with the word **Search** written in red text above the arrow.

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 than 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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