

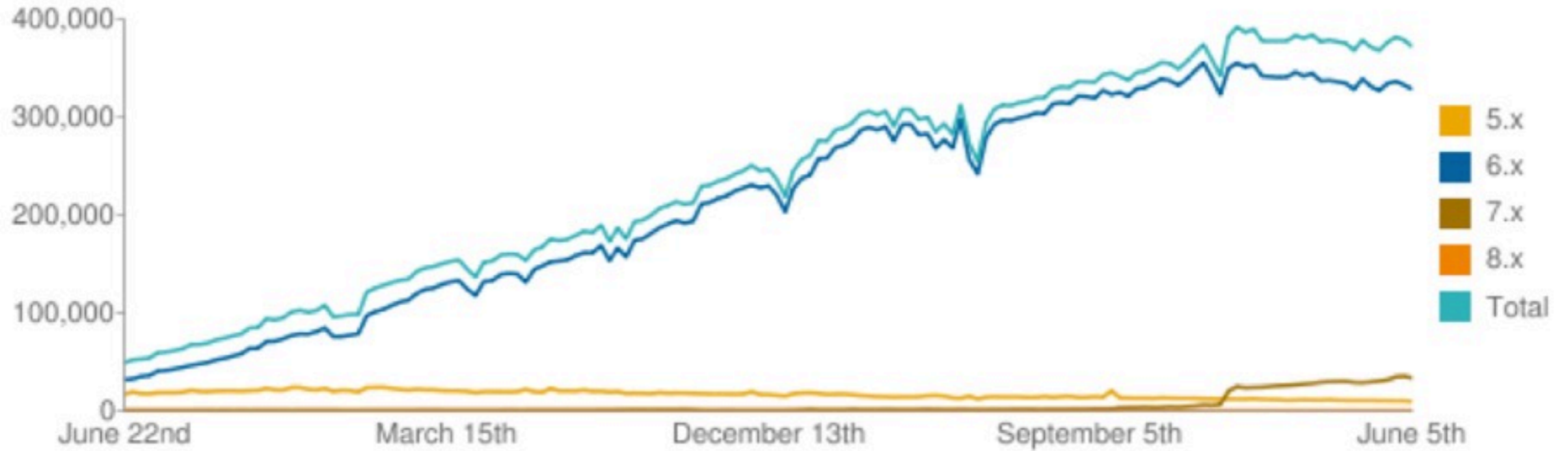
Engineering for the 80%

chx (Karoly Negyesi)
&
jenlampton (Jen Lampton)

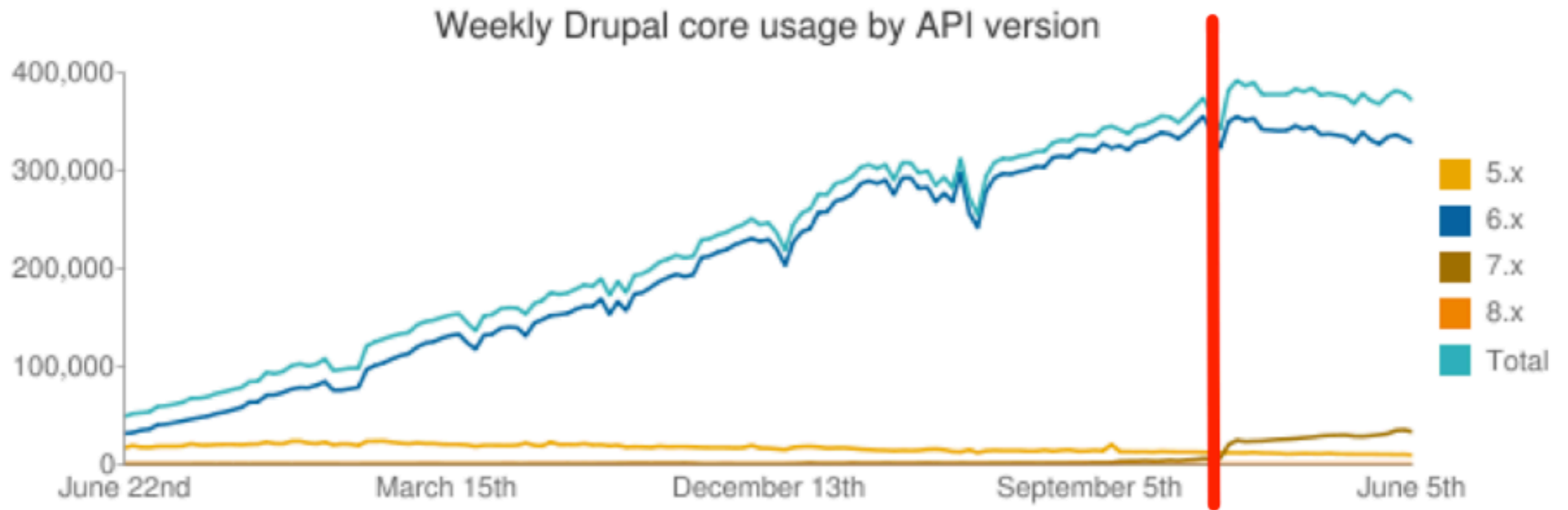
Bay Area Drupal Camp

23 October, 2011

Weekly Drupal core usage by API version



What no one is talking about



What happened here?



Drupal 6

released Feb 13th, 2008

Drupal 7

released Jan 5th, 2011

Drupal 7 Release Party!

Drupal 7 is released!
And there were hundreds of parties to celebrate

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326 parties planned in 96 countries. [Add yours!](#)

Then spread the word on Twitter and don't forget to include the hashtag [#d7rp](#)

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Welcome to the Drupal developer's documentation. Newcomers to Drupal development should read the conceptual information provided in the "Components of Drupal" section, and then proceed to examine one of the heavily-documented example modules below. The examples are fully-functioning Drupal modules, so you can download them from the contributions repository and alter them as you experiment.

- A few components of Drupal
 - [Module system \(Drupal hooks\)](#)
 - [Database abstraction layer](#)
 - [Menu system](#)
 - [Form generation](#)

Search 7

Function, file, or topic: *

[Search](#)

API Navigation

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Work on Drupal!

But Drupal 7 is *hard*

**Does this new D7 feature
really benefit me?**

**Does this new D7 feature
really benefit me?**

DBTNG

A new database abstraction layer.

**Does this new D7 feature
really benefit me?**

Page Render

**The ability to duplicate, move, and reorder
parts of the page.**

**Does this new D7 feature
really benefit me?**

Pluggable Field Storage

**The ability to save data into places other than Drupal.
(Example: Save this photo in my flickr account.)**

**Does this new D7 feature
really benefit me?**

A whole DB table for each field

**Every field has it's own table to store data.
(Causing a lot more node_load() action)**

Does this new D7 feature
really benefit me?

More Robust Translation

Translation rocks in Drupal 7.

Un-translated sites have useless 'und' keys in every array.

**Does this new D7 feature
really benefit me?**

What Else?

Is there anything in Drupal 7 you want explained?

These problems have solutions.

Issue
Patch
Review
Commit

These solutions have problems.



**Are these solutions really
important to *everyone*?**

Engineering for the 80%

80% of what?

80% of what?

80% of all websites using Drupal?

80% of what?

80% of all websites using Drupal?

80% of all people building websites with Drupal?

80% of what?

80% of all websites using Drupal?

80% of all people building websites with Drupal?

80% of all people administering websites build with Drupal?

80% of what?

80% of all websites using Drupal?

80% of all people building websites with Drupal?

80% of all people administering websites build with Drupal?

80% of all people viewing websites build with Drupal?

80% of what?

80% of all websites using Drupal?

80% of all people building websites with Drupal?

80% of all people administering websites build with Drupal?

80% of all people viewing websites build with Drupal?

Are there solutions that benefit all?

80% of what?

~~80% of all websites using Drupal?~~

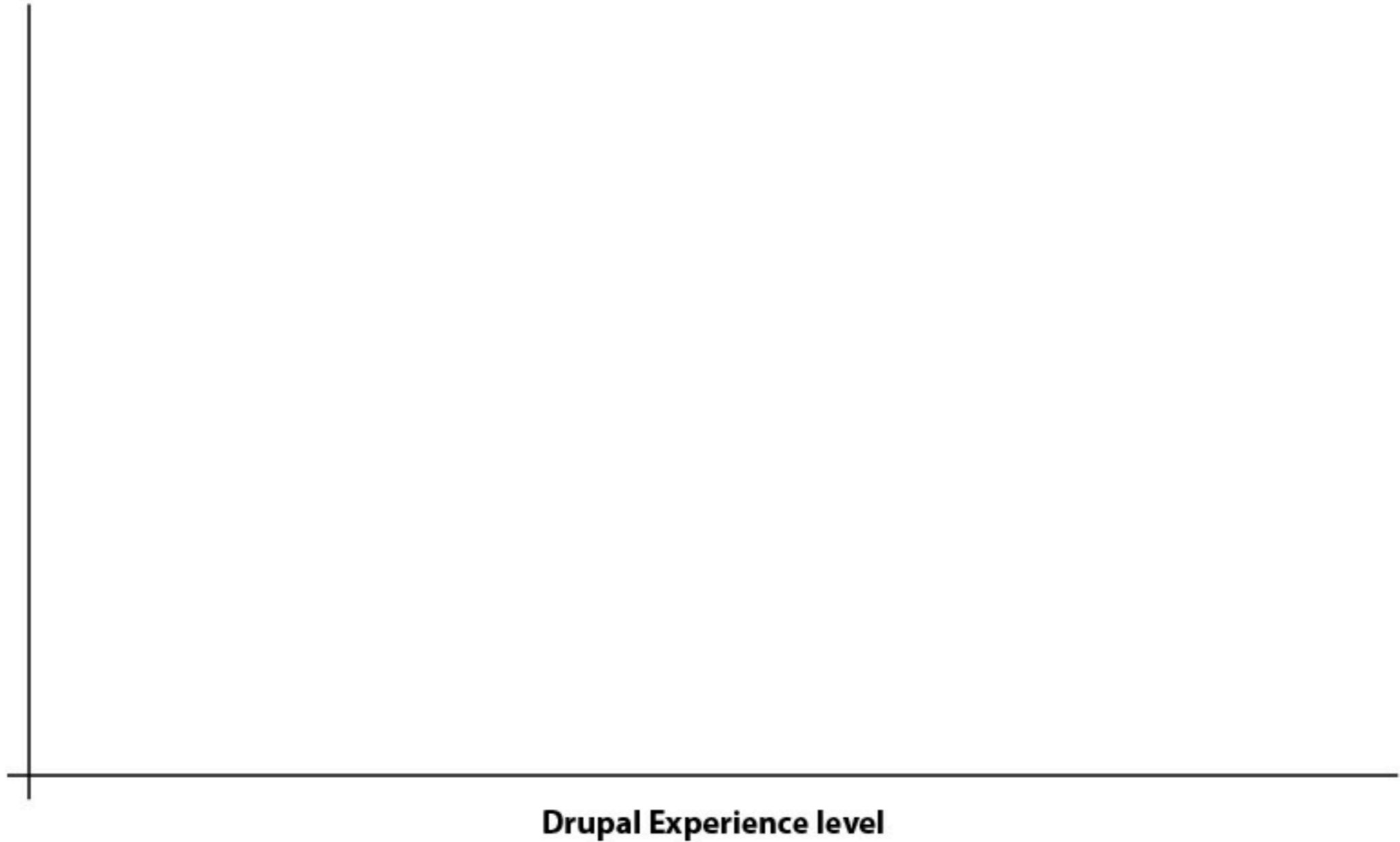
80% of all people building websites with Drupal?

80% of all people administering websites build with Drupal?

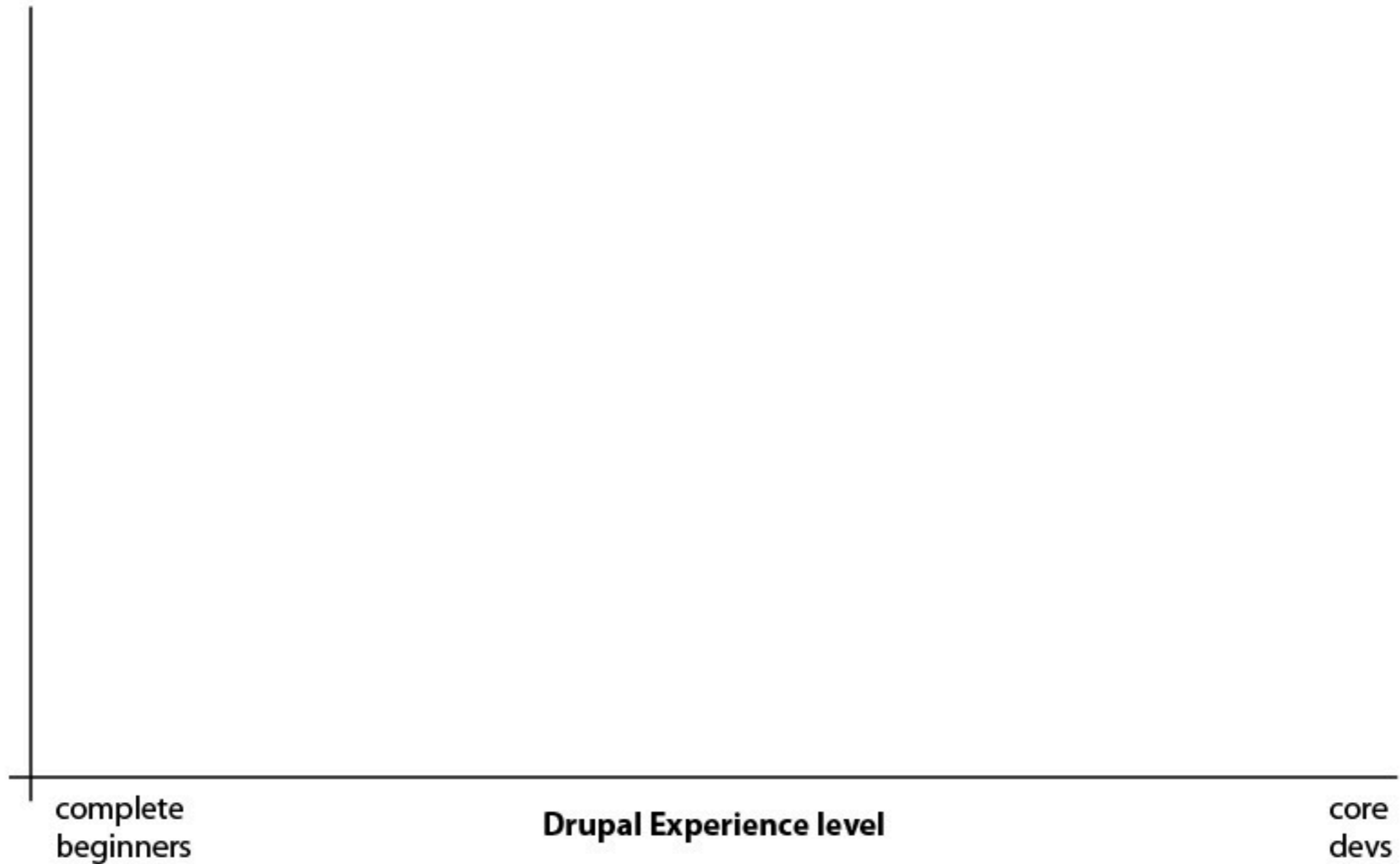
80% of all people viewing websites build with Drupal?

80% of all people

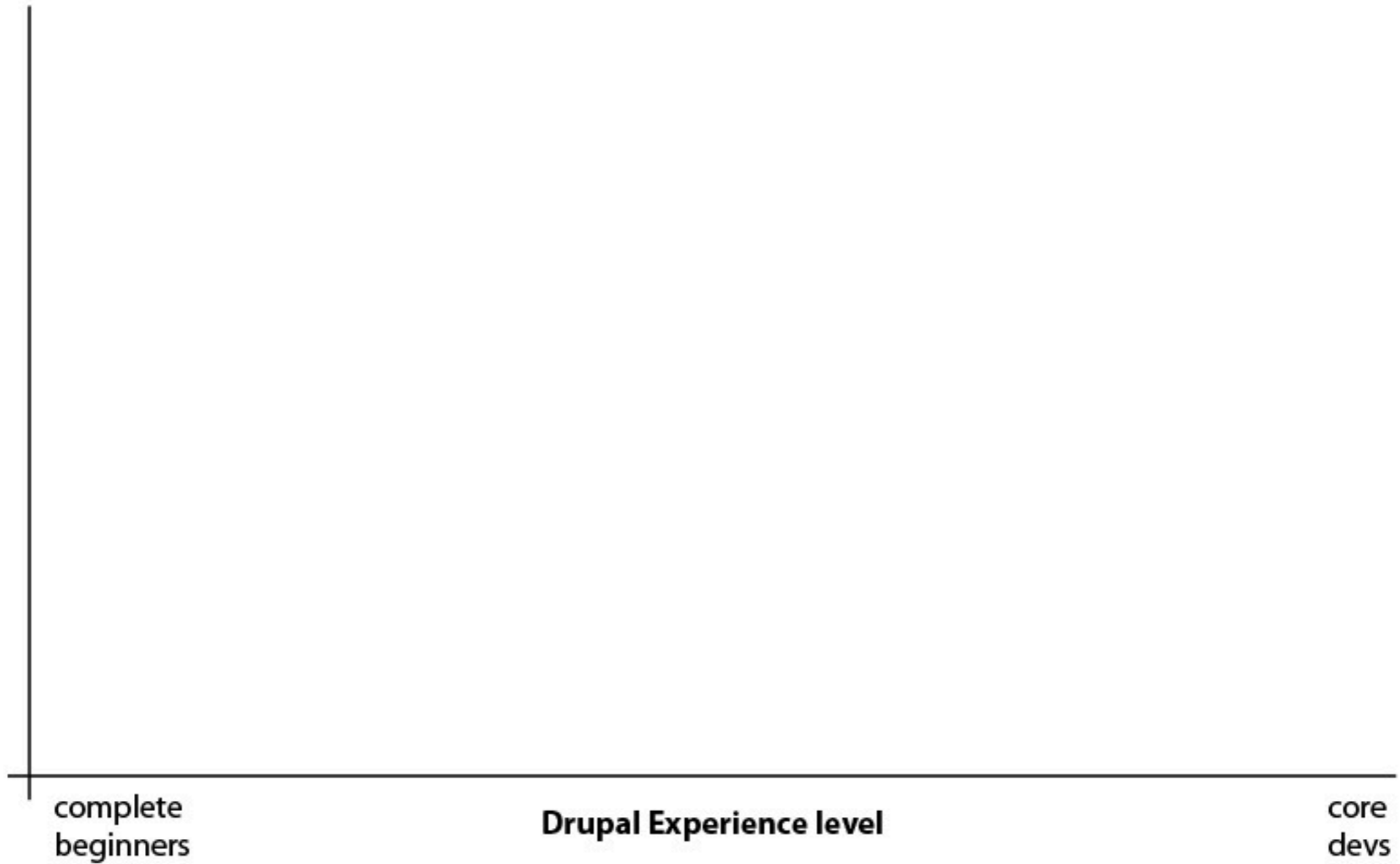
80% of all people



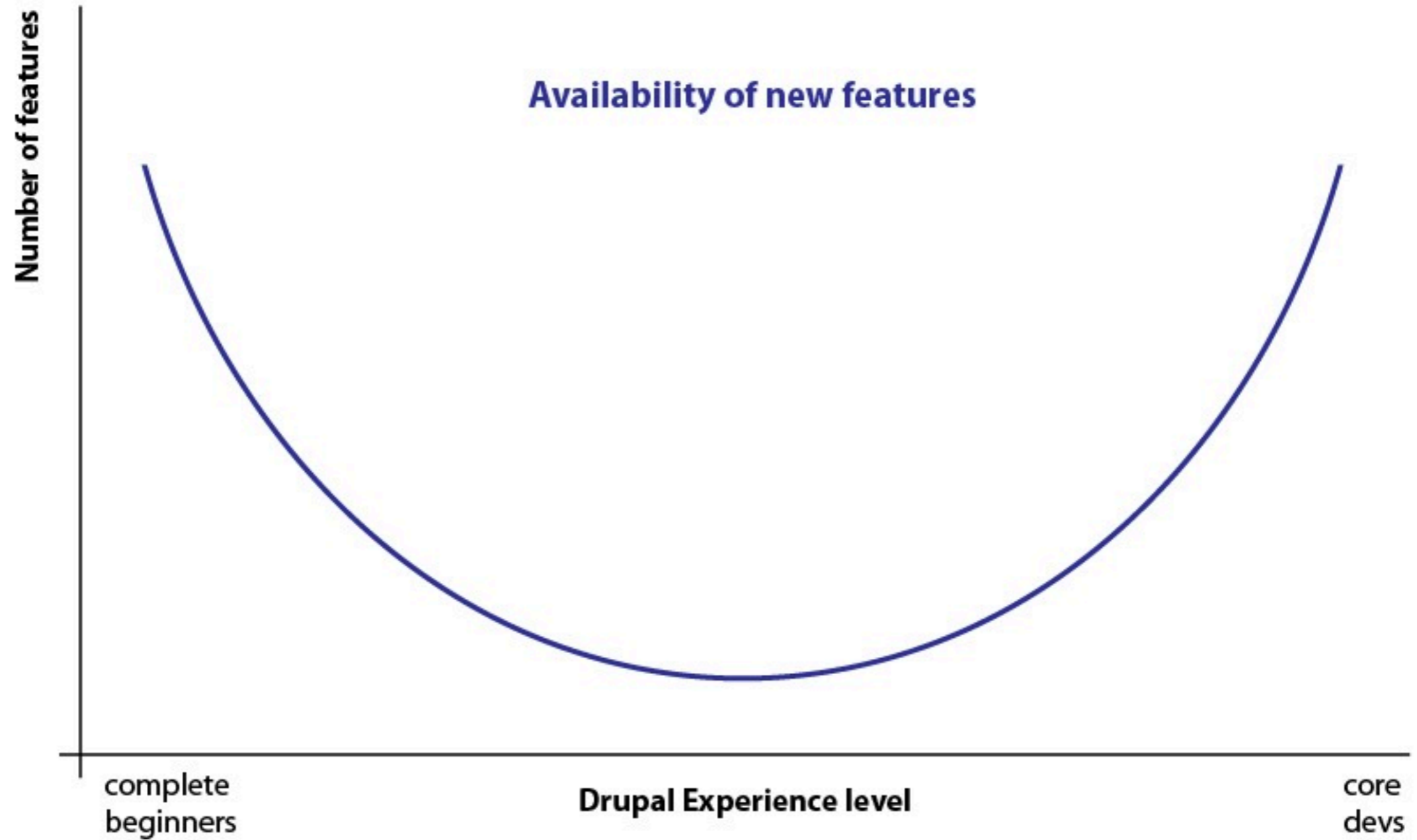
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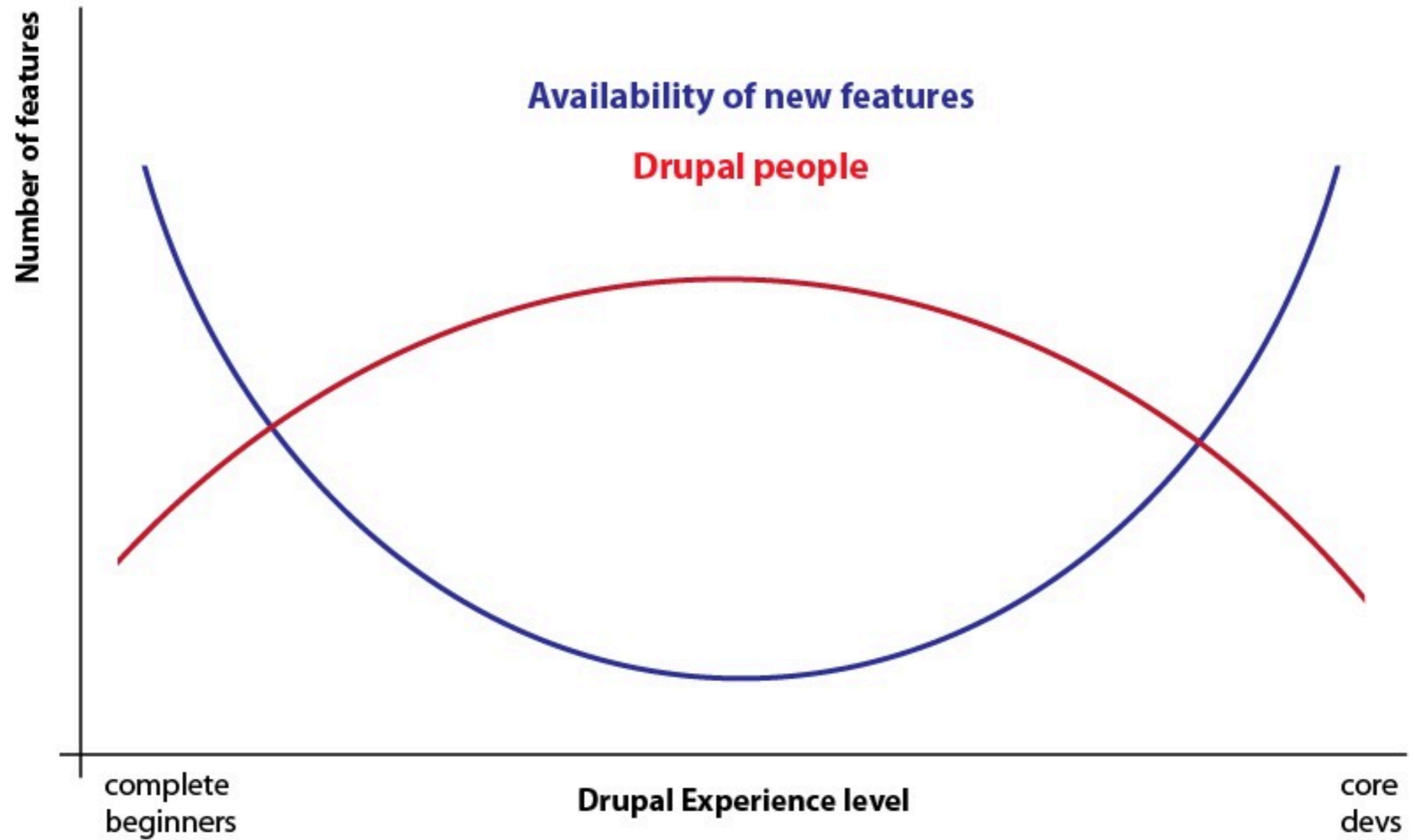
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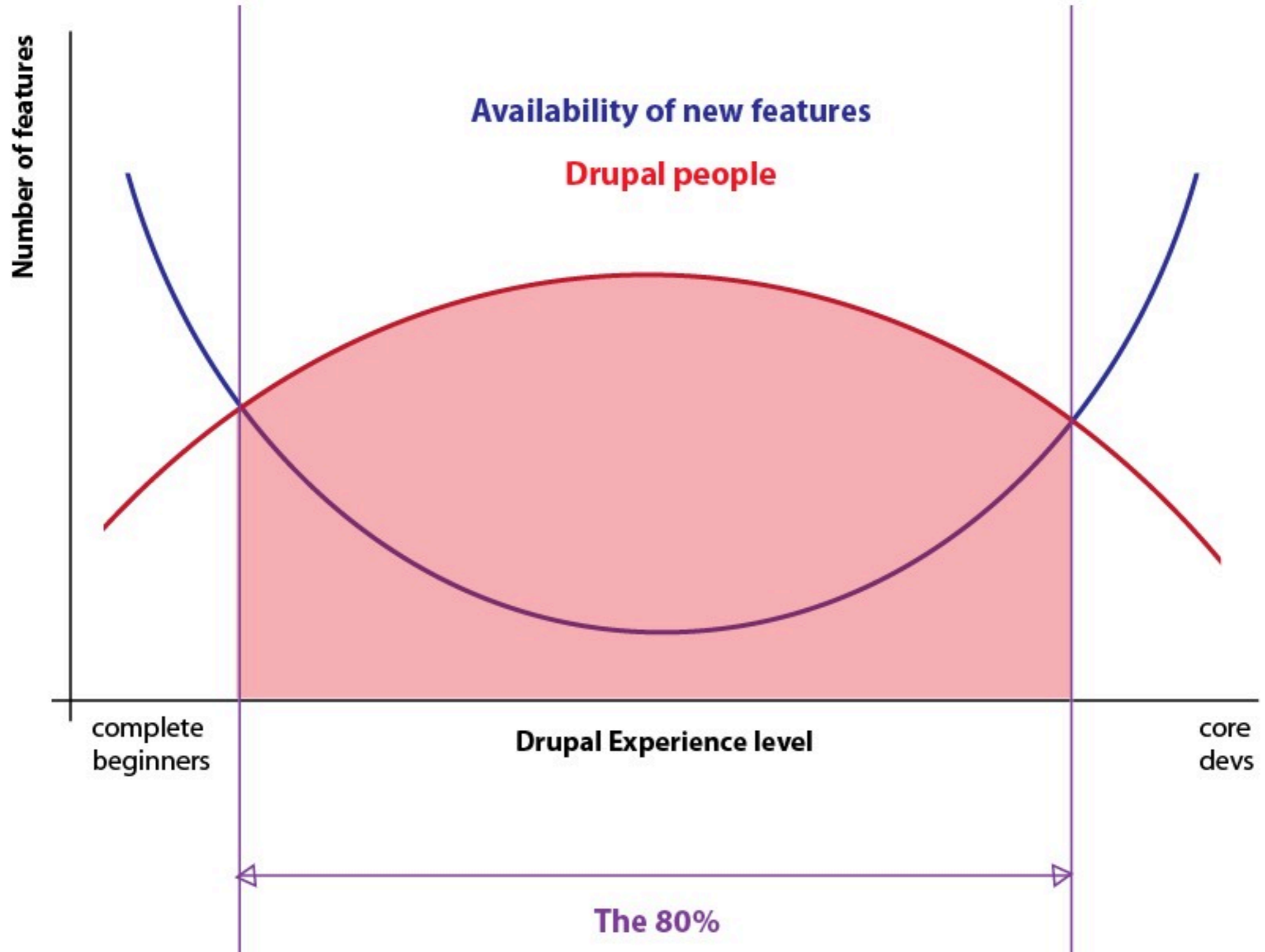
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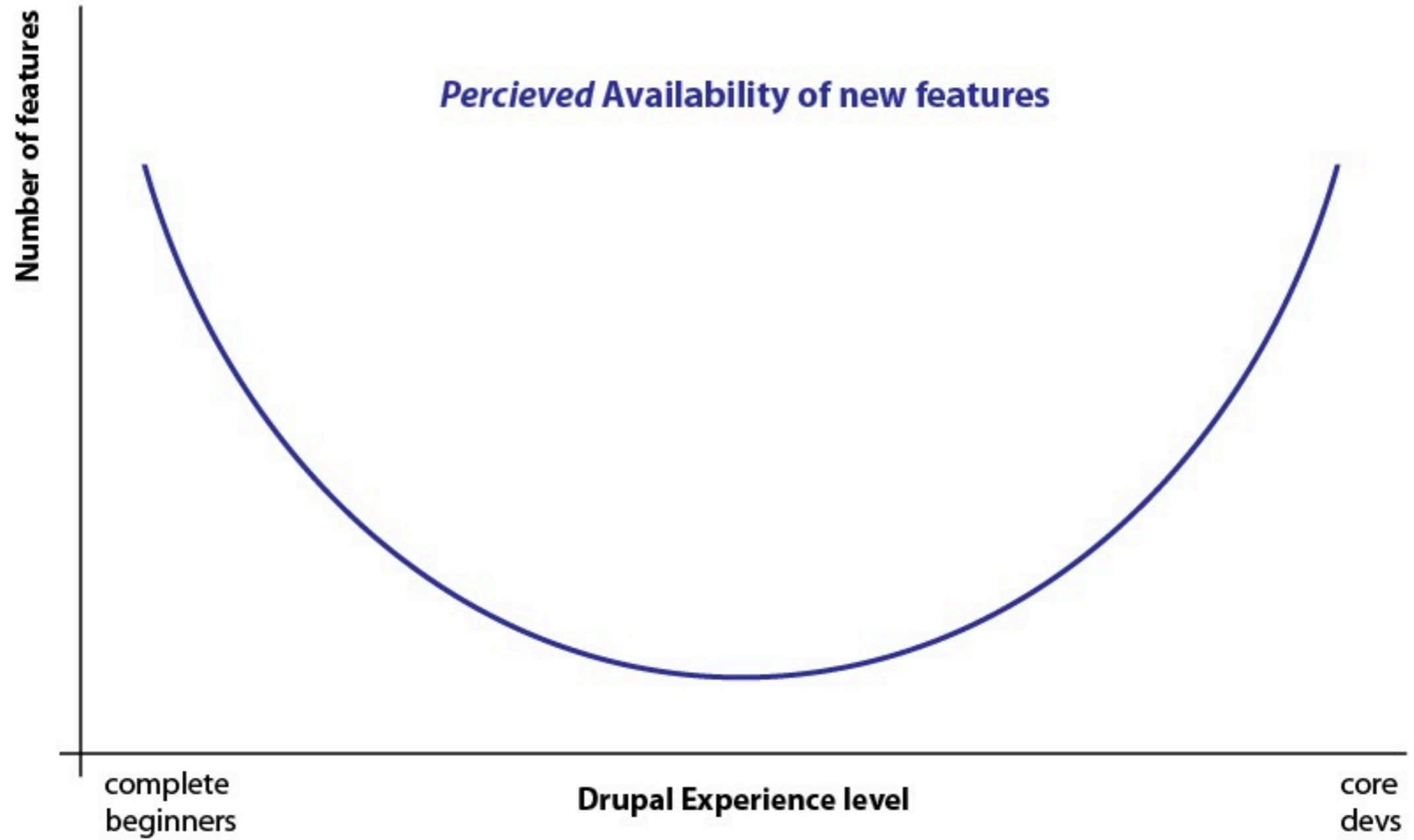
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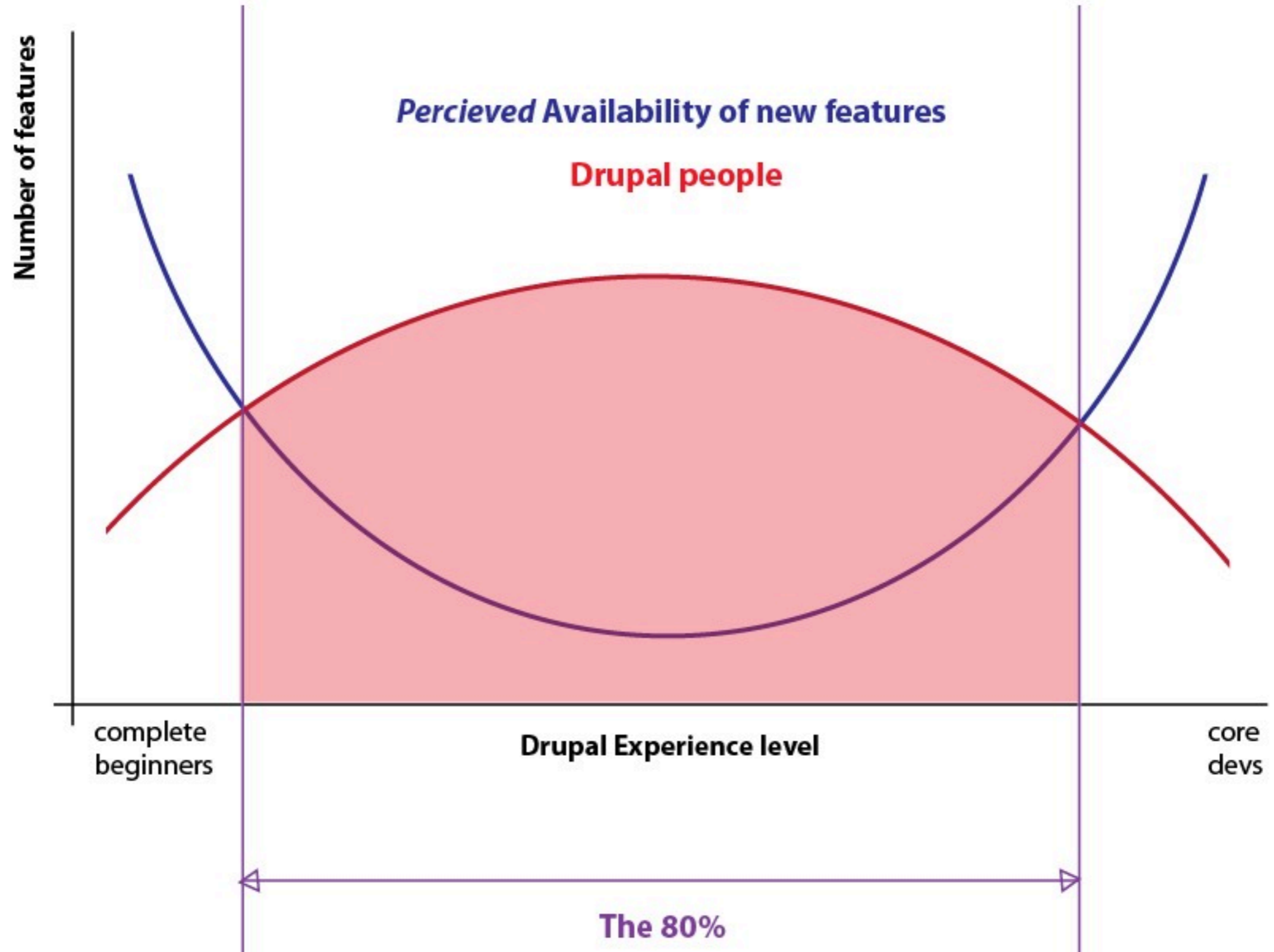
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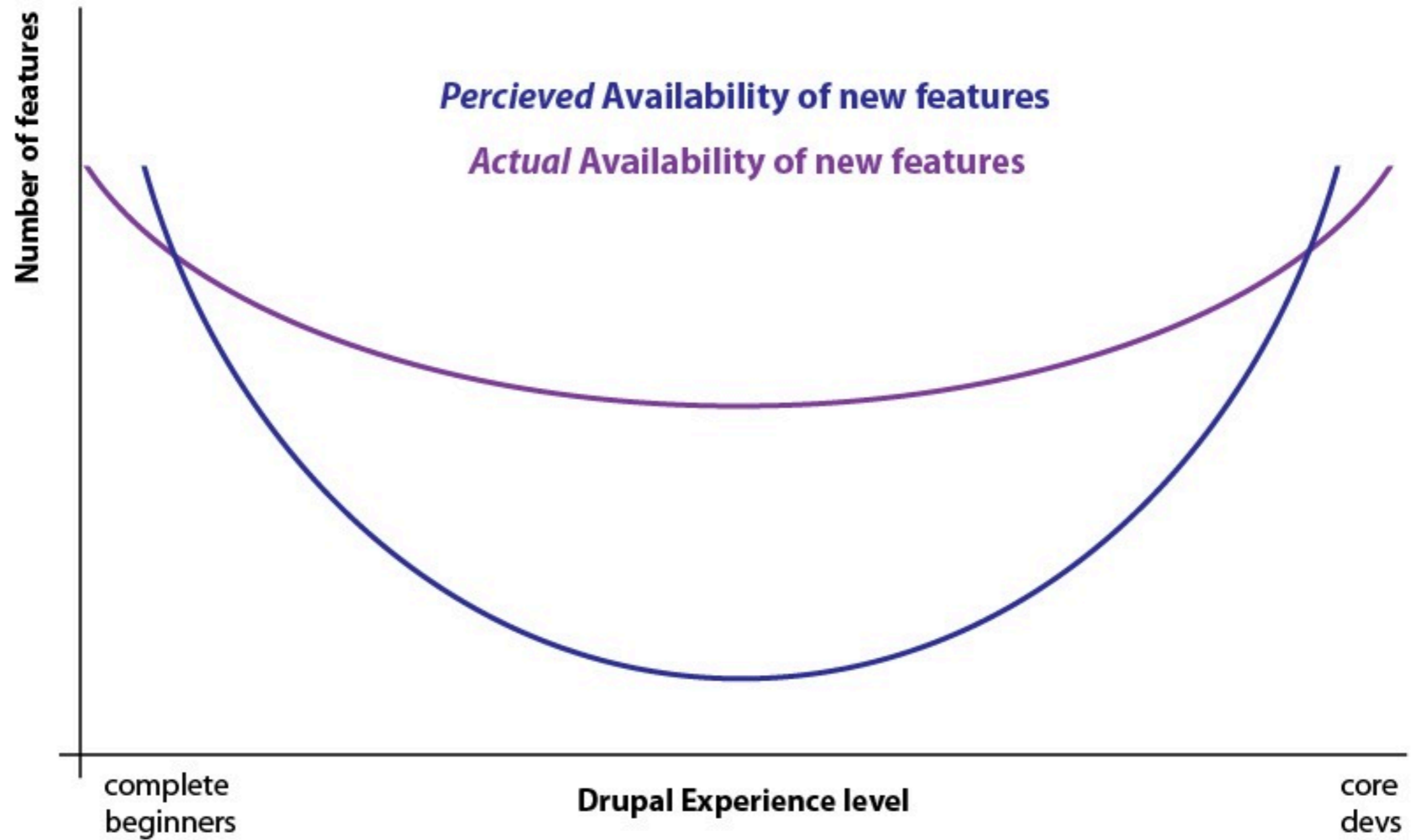
DRUPAL



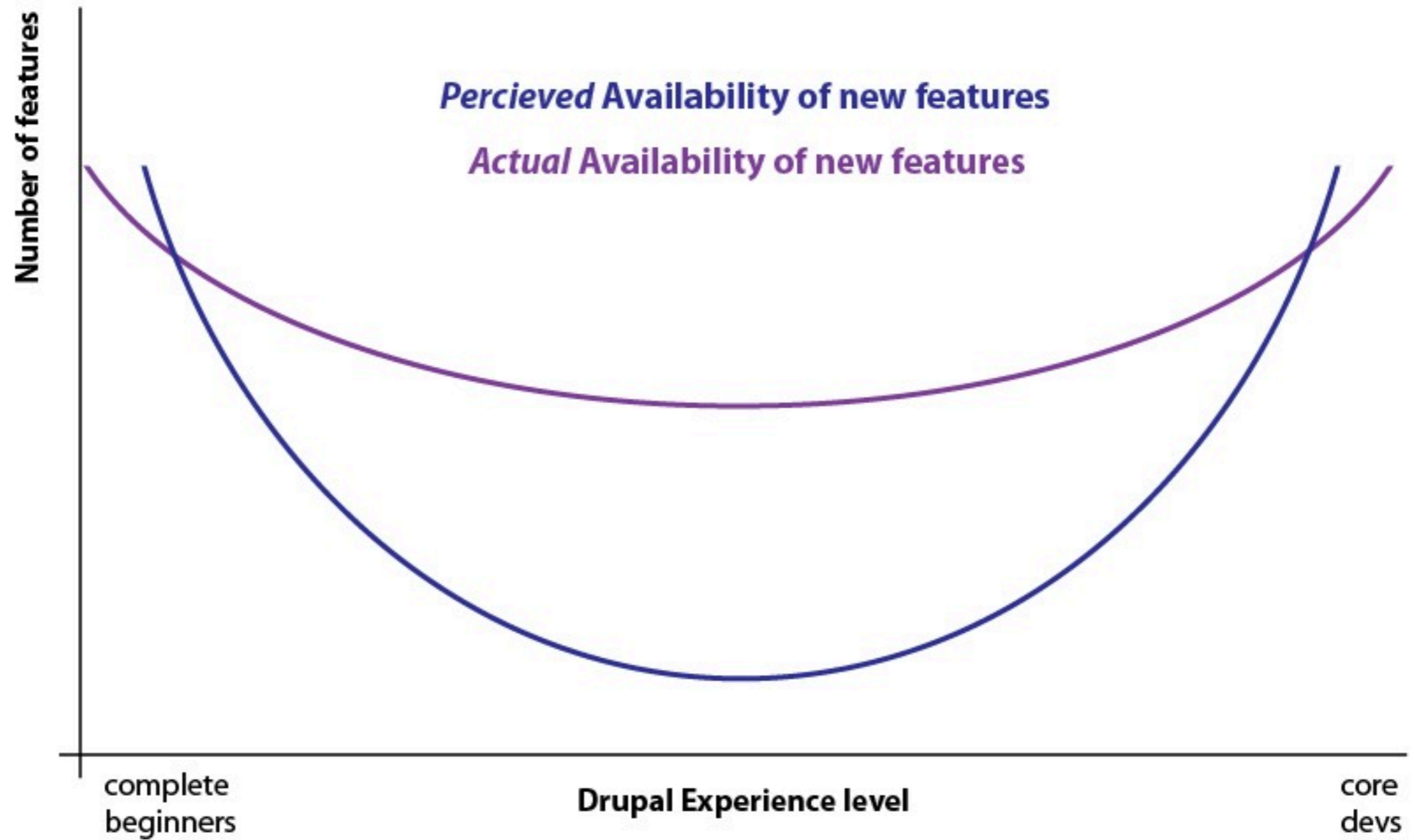
DRUPAL



DRUPAL



DRUPAL



Why the difference between
perceived and actual?

Why the difference between perceived and actual?

People who are not Experts can't see the features available

Why the difference between perceived and actual?

People who are not Experts can't see the features available

1) Lack of documentation on how Drupal actually works

Why the difference between perceived and actual?

People who are not Experts can't see the features available

- 1) Lack of documentation on how Drupal actually works
- 2) Too much magic in Drupal

What do we do about it?

1) Lack of documentation on how Drupal actually works

Admit that Drupal is AOP.
Document & Explain AOP.

What do we do about it?

2) Too much magic in Drupal

Experts like less typing.

Experts create “magic” functions instead.

New users don't get it.

Learnability needs to be a priority

Where's the list of Drupal's Priorities?

Drupal's Priorities

Ideas?