Let's Learn About the WP REST API

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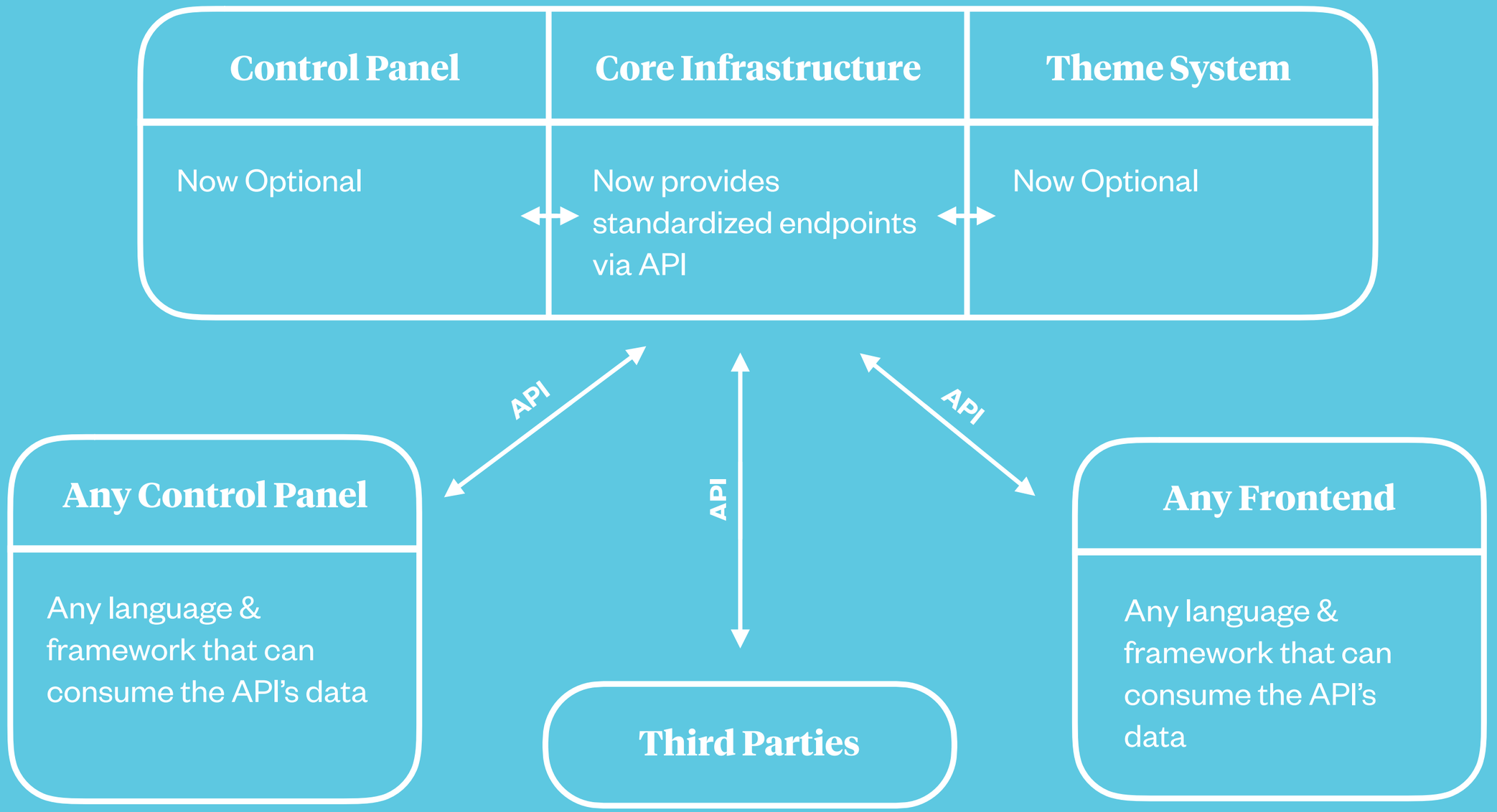
What Wordpress Does

Control Panel	Core Infrastructure	Theme System
• Excellent UI (especially with ACF) • Media management • Role management, publishing workflow	• Database Schema • Authentication & Security • Plugin architecture • Updates	• Template hierarchy • Helper functions • Router

With the API


Control Panel
Core Infrastructure
Theme System
Now Optional
Now provides standardized endpoints via API
Now Optional
API
API
API
Any Control Panel
Any language & framework that can consume the API's data
Third Parties
Any Frontend
Any language & framework that can consume the API's data

Why does this matter?

How to get it

- WP 4.4+ install
- REST API Plugin (http://v2.wp-api.org/)
- Optional: Basic Auth plugin (https://github.com/WP-API/Basic-Auth)
- Optional: ACF to WP-API(https://github.com/times/acf-to-wp-api)

Safety Concerns

Demo: Basic Behavior

Method	Route	Response
GET	/wp-json/wp/v2/posts	All Posts
GET	/wp-json/wp/v2/posts/{id}	Single Post
GET	/wp-json/wp/v2/posts/{id}/tags	Tags attached to a post
GET	/wp-json/wp/v2/posts/{id}/{custom-taxonomy}	Custom taxonomy terms attached to a post
GET	/wp-json/wp/v2/posts?filter[orderby]=desc	All Posts, reversed
GET	/wp-json/wp/v2/posts?filter[s]=query	All Posts, searching for a term

Demo: Authenticated Requests

Method	Route	Data	Response/Action
GET	/wp-json/wp/v2/posts/{id}/meta		Meta information for a post
POST	/wp-json/wp/v2/posts/{id}	What you want to update (basic fields allowed)	Post updated
DELETE	/wp-json/wp/v2/posts/{id}		Post trashed

Adding More

Demo: ToDo List

Just the Beginning

Further Learning

- Tim Nash's excellent online course (65 GBP): https://timnash.co.uk/courses/wp-api-online-course/
- HumanMade case study on UsTwo site: https://hmn.md/wordpress-case-study/ustwo/
- UsTwo case study on same: https://ustwo.com/blog/open-sourcing-our-website
- SitePoint rundown: http://www.sitepoint.com/wp-api/
- Official Infrastructure announcement: https://make.wordpress.org/core/2015/10/28/rest-api-welcome-the-infrastructure-to-core/
- Presentation Files: https://github.com/tyfuji/wp-api-demo

Thanks!

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