Taking advantage of new Config features for extensions

MediaWiki Developer Summit 2015
What? Why?

- We want to move configuration out of $GLOBALS
- And other extension registration stuff.
Configuration settings

- Config interface provides accessors to accessing settings (1.23+)
- ConfigFactory stores individual Config objects
- GlobalVarConfig is an implementation of Config that just reads from $GLOBALS
Config (continued)

- Dropping the “wg” prefix, no more global namespace
- Manual-ish dependency injection
- Is your thing actually a config setting or more of an extension registration type thing?
This is awesome! How do I use it?

```php
$wgConfigRegistry['ext-name'] = 'GlobalVarConfig::newInstance
$config = ConfigFactory::getDefaultInstance()->makeConfig('ext-name');
$config->get( 'FooBar' ); // no “wg” prefix
RequestContext::getMain()->getConfig();
ConfigFactory::getDefaultInstance()->makeConfig('main');
```

https://www.mediawiki.org/wiki/Manual:Configuration_for_developers
Creating extension.json

- 1.25 includes a new system called extension registration.
- `convertExtensionToRegistration.php` script
- Need to keep the PHP entry point for backwards-compatibility (and at least until jenkins and WMF production is updated)
- `validateRegistrationFile.php` to check against the schema (need to have schema library via composer)
- [https://www.mediawiki.org/wiki/Extension_registration](https://www.mediawiki.org/wiki/Extension_registration)
Try it!

- Pick a small-ish extension to start with for Config
- Registration conversion script might throw errors, usually exposing weird patterns