```
#
# Hey! Everything in here is better suited to httpd.conf, since
# we get a performance boost if we can turn off AllowOverride and
# not have to stat the webroot for every request. On the other
# hand, this means we never have to touch apache once it's up.
# Flexibility over performance.
#
# In an ideal world, you'd stick it in here on dev and your build
# system would bundle the changes into (a file included in) httpd.conf
# for your production deployment, perhaps wrapped in a <VirtualHost>
# block.
#


# ETags are a bad idea if you have multiple web servers. We'll do
# more explicit caching with Expires headers anyway.
FileETag none


# The base set of sensible PHP options. You could put these in your
# php.ini file too, but having them in your Apache config puts
# everything in one place. Magic quotes off because they are stupid.
# Register globals off for the same reason. Track errors is so that
# we can at least get at the error messages we hide using @func().
# last_modified is a bad idea if we have any dynamic content. Short
# tags make for a few saved bytes of cruft and are fine unless you're
# running another XML preprocessor over your code (wtf?).
php_value magic_quotes_gpc 0
php_value register_globals 0
php_value magic_quotes_runtime 0
php_value track_errors 1
php_value last_modified off
php_value short_open_tag on


# This value is very useful for development, but should be disabled
# on production deployments (by setting the value to 'off')
php_flag display_errors on


# this sets all current and future error flags on, except for E_NOTICE
# which can go fuck itself. we have some separate code for checking the
# one notice we do care about.
php_value error_reporting 2147483639
```

```
# Some basic pointers to php files
DirectoryIndex index.php
ErrorDocument 404 /404.php
ErrorDocument 403 /403.php


# Get mod_rewrite fired up
RewriteEngine on


# See all this stuff that's been commented out? It's a lot of hoop-jumping
# to separate API calls (api.example.com/rest) from all the other user-level
# administrative pages (example.com/api/methods) and to make sure things that
# need to be done over SSL are (like OAuth2). By default it's all commented out
# because what do I know about your webserver is configured. So spend a
# couple minutes looking at all this stuff and thinking about it and adjusting
# accordingly. Also: remember all the security around OAuth2 is predicated
# around the use of SSL. (20121103/straup)

# The API (as in both api.example.com and example.com/api)
# Ensure that all traffic to the API proper is over HTTPS
# Note that this is a api.example.com host not example.com
# (20121025/straup)

# RewriteCond %{HTTP_HOST}    ^api.(.*)$
# RewriteCond %{HTTPS} off
# RewriteRule (.*) https://%{HTTP_HOST}/$1?%{QUERY_STRING}  [R,L]


# The most basic rewrite, as this is the actual API

# RewriteCond %{HTTP_HOST}    ^api.(.*)$
# RewriteRule  ^rest/?$    api_rest.php?%{QUERY_STRING}  [L]

# This one says: If we're the API and we're not hanging off /rest
# redirect to the site itself - note the %1% for capturing the domain
# sans 'api.' (20121025/straup)

# RewriteCond %{REQUEST_URI}  !rest(.*)
# RewriteCond %{HTTP_HOST}    ^api.(.*)$  [NC]
# RewriteRule  .?    http://%1%{REQUEST_URI}  [R,L]

# RewriteCond %{HTTP_HOST}    !^api.(.*)$
```

```
# RewriteRule  ^api/rest/(.*)/?$  https://api.%{HTTP_HOST}/rest/?method=$1&%{QUERY_STRING}
[R,L]

# RewriteCond %{HTTP_HOST}   !^api.(.*)$
# RewriteRule  ^rest/(.*)/?$  https://api.%{HTTP_HOST}/rest/?method=$1&%{QUERY_STRING}
[R,L]

# The rest of the user/admin interfaces for doing API stuff
# This all (especially the oauth2 auth/token stuff) relies on the
# HTTPS rules for logged in users (20121024/straup)

RewriteRule  ^api/?$          api.php    [L]
RewriteRule  ^api/methods/?$     api_methods.php  [L]
RewriteRule  ^api/methods/print/?$  api_methods.php?print=1  [L,QSA]
RewriteRule  ^api/methods/(.*)/?$  api_method.php?method=$1&%{QUERY_STRING}    [L]

RewriteRule  ^api/keys/?$           api_keys.php?%{QUERY_STRING} [L]
RewriteRule  ^api/keys/register/?$        api_keys_register.php?%{QUERY_STRING} [L]
RewriteRule  ^api/keys/([a-zA-Z0-9]+)/?$     api_key.php?api_key=$1&%{QUERY_STRING} [L]
RewriteRule  ^api/keys/([a-zA-Z0-9]+)/tokens(/page([0-9]+))?/?$    api_key_tokens.php?
api_key=$1&page=$3&%{QUERY_STRING} [L]

RewriteRule  ^api/oauth2/?$             api_oauth2.php?%{QUERY_STRING} [L]
RewriteRule  ^api/oauth2/howto/?$           api_oauth2_howto.php?%{QUERY_STRING} [L]
RewriteRule  ^api/oauth2/authenticate/?$     api_oauth2_authenticate.php?%
{QUERY_STRING} [L]
RewriteRule  ^api/oauth2/authenticate/like-magic/?$
api_oauth2_authenticate_like_magic.php?%{QUERY_STRING} [L]
RewriteRule  ^api/oauth2/access_token/?$      api_oauth2_access_token.php?%
{QUERY_STRING} [L]

RewriteRule  ^api/oauth2/tokens(/page([0-9]+))?/?$     api_oauth2_tokens.php?page=$2&%
{QUERY_STRING} [L]
RewriteRule  ^api/oauth2/tokens/([a-zA-Z0-9]+)/?$      api_oauth2_token.php?api_key=$1&%
{QUERY_STRING} [L]

RewriteRule  ^api/rest/?$              api_rest.php?%{QUERY_STRING}   [L]

# Login stuff

RewriteRule  ^signup/?$        signup.php     [L]
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RewriteRule   ^signin/?$       signin.php    [L]
RewriteRule   ^signout/?$     signout.php    [L]
RewriteRule   ^checkcookie/?$    checkcookie.php  [L]


# Password retrieval stuff


RewriteRule ^forgot/?$       forgot.php    [L]
RewriteRule ^reset/([a-zA-Z0-9]+)/?$  reset.php?reset=$1   [L,QSA]


# Account stuff


RewriteRule   ^account/?$     account.php    [L]
RewriteRule   ^account/password/?$  account_password.php  [L]
RewriteRule   ^account/delete/?$    account_delete.php  [L]


# General pages


RewriteRule ^about/?$       about.php    [L,QSA]
RewriteRule ^contact/?$       contact.php    [L,QSA]


# Reading lists and documents


RewriteRule ^upload/?$         upload.php  [L,QSA]


RewriteRule ^documents(/page([0-9]+))?/?$    user_documents.php?page=$2    [L,QSA]
RewriteRule ^documents/offline/?$      user_documents_offline.php     [L,QSA]


RewriteRule ^documents/([0-9]+)/?$      user_document.php?document_id=$1   [L,QSA]


RewriteRule ^highlights(/page([0-9]+))?/?$    user_highlights.php?page=$2  [L,QSA]
RewriteRule ^highlights/pending/?$      user_highlights_pending.php  [L,QSA]
RewriteRule ^highlights/([0-9]+)?/?$      user_highlight.php?id=$1   [L,QSA]


RewriteRule ^notepad/?$         user_notepad.php  [L,QSA]


# Appache / manifest stuff


RewriteRule (.*)?manifest.appcache$      appcache_manifest.php     [L,QSA]
RewriteRule (.*)?manifest/?$       appcache_manifest.php    [L,QSA]
```