YouTube Suite - Combined Plugin Structure

New Folder Structure



```
youtube-suite/
     youtube-suite.php
                                (Main plugin file - NEW)
    - readme.txt
    includes/
       - class-yts-database.php
                                  (Database handler - COMBINED)
       - class-yts-importer.php
                                  (Video importer - FROM youtube-wp-importer.php)
       - class-yts-comments.php
                                   (Comments sync - FROM youtube-comment-sync.php)
       - class-yts-engagement.php
                                    (Engagement features - FROM youtube-engagement-suite.php)
       - class-yts-ux.php
                                (UX features - FROM yt-ux-suite.php)
        - class-yts-gallery.php
                                 (Gallery displays - EXTRACTED)
       - class-yts-admin.php
                                 (Unified admin - NEW)
       class-yts-blocks.php
                                 (Gutenberg blocks - COMBINED)
      — class-yts-ajax.php
                                (AJAX handlers - COMBINED)
    - assets/
       -\cos/
          admin.css
                               (Combined admin styles)
          frontend.css
                               (Combined frontend styles)
         — blocks.css
                               (Block editor styles)
       - is/
           admin.js
                             (Combined admin JS)
          frontend.js
                             (Combined frontend JS)
         - blocks.js
                             (Block editor JS)
    templates/
                             (Optional - for email templates)
```

File Mapping - What Replaces What

Main Plugin Files

Old Files	1	New Combined File
youtube-wp-importer.php	→	youtube-suite.php
youtube-comment-sync.php	→	youtube-suite.php
youtube-engagement-suite.php	→	youtube-suite.php
yt-ux-suite.php	→	youtube-suite.php

Feature Modules

Old Functionality New Module

```
YT_WP_Importer class → YTS_Importer (includes/class-yts-importer.php)

Comment sync functions → YTS_Comments (includes/class-yts-comments.php)

YTES * classes → YTS Engagement (includes/class-yts-engagement.php)
```

YTUXSuite class → YTS_UX (includes/class-yts-ux.php)

Gallery shortcode → YTS_Gallery (includes/class-yts-gallery.php)

Admin Interfaces

Old Pages New Unified Interface

```
YouTube Importer menu → YouTube Suite > Dashboard
```

Comment Sync settings → YouTube Suite > Settings > Comments tab

Engagement Suite pages → YouTube Suite > Settings > Engagement tab

UX Suite pages → YouTube Suite > Settings > UX tab

Multiple subscribers pages → YouTube Suite > Subscribers Multiple analytics pages → YouTube Suite > Analytics

Assets (CSS/JS)

Old Files New Combined File

```
admin-interface.php styles → assets/css/admin.css
style.css (importer) → assets/css/frontend.css
yt-comments-style.css → assets/css/frontend.css
css/admin.css (engagement) → assets/css/admin.css
css/frontend.css (engagement) → assets/css/frontend.css
css/admin.css (ux) → assets/css/frontend.css
css/frontend.css (ux) → assets/css/frontend.css
```

Database Tables

All plugins used custom tables. **These remain the same** but with unified prefix:

Old Tables:

- wp_ytes_subscribers (Engagement Suite)
- wp_ytes_analytics (Engagement Suite)

New Tables: (same structure, just clarified)

- wp_yts_subscribers → Keep subscriber data
- wp_yts_analytics → Keep analytics data

Settings Migration

All settings are combined into **one option**: yts_settings

Old Options \rightarrow New Combined Option



```
// OLD - Multiple separate options
get_option('yt_wp_importer_settings')
get_option('yt_comment_sync_settings')
get_option('ytes_youtube_api_key')
get_option('ytes_youtube_channel_id')
get_option('ytux_lazy_load')
get_option('ytux_notification_bar')
// ... 20+ separate options
// NEW - Single combined option
get_option('yts_settings', array(
  'api_key' => '',
  'channel_id' => ",
  'auto_import' => true,
  'lazy_load' => true,
  'enable_comments_sync' => false,
  'enable_analytics' => true,
  // ... all settings in one place
));
```

Shortcode Compatibility

All old shortcodes still work! No breaking changes.

Old Shortcode		Status	
[youtube_gallery] 🗸	Works	(backward	compatible)
[youtube_comments] ✓	Works	(backward	compatible)
[video_search] ✓	Works	(backward	compatible)
[latest_videos] ✓	Works	(backward	compatible)
[yt_timestamp] ✓	Works	(backward	compatible)

Migration Steps

1. Backup Everything



bash

Backup database
mysqldump -u root -p wordpress > backup.sql

Backup plugins folder
cp -r wp-content/plugins/youtube-* ~/backups/

2. Deactivate Old Plugins

- Go to Plugins page
- Deactivate (but don't delete):
 - YouTube to WordPress Auto-Importer
 - YouTube Comment Sync
 - YouTube Engagement Suite
 - YouTube User Experience Suite

3. Install New Combined Plugin

- Upload youtube-suite folder to wp-content/plugins/
- Activate "YouTube Suite"

4. Settings Migration (Optional - run this once)

Create a migration script: youtube-suite/migrate-settings.php



pnp

```
// Run this once via browser: yoursite.com/wp-content/plugins/youtube-suite/migrate-settings.php
require_once('../../wp-load.php');
if (!current_user_can('manage_options')) {
  die('Unauthorized');
}
// Gather old settings
$old_importer = get_option('yt_wp_importer_settings', array());
$old_comments = get_option('yt_comment_sync_settings', array());
$old_engagement = array(
  'api_key' => get_option('ytes_youtube_api_key', ''),
  'channel_id' => get_option('ytes_youtube_channel_id', "),
);
\delta_u = array(
  'lazy_load' => get_option('ytux_lazy_load', '1') === '1',
  'notification bar' => get option('ytux notification bar', '1') === '1',
);
// Combine into new format
$new_settings = array(
  'api_key' => $old_engagement['api_key'] ?: $old_importer['api_key'] ?: $old_comments['yt_comment_sync_api_key'],
  'channel_id' => $old_engagement['channel_id'] ?: $old_importer['channel_id'],
  'auto_import' => true,
  'lazy_load' => $old_ux['lazy_load'],
  'enable_notification' => $old_ux['notification_bar'],
  // ... map all settings
);
// Save combined settings
update_option('yts_settings', $new_settings);
echo "✓ Settings migrated successfully!<br>";
echo " Database tables preserved < br>";
echo " All subscribers and analytics data retained <br/> ";
echo "<br/>br><a href='/wp-admin/admin.php?page=youtube-suite'>Go to YouTube Suite Dashboard</a>";
```

<?php

5. Verify Everything Works

- Check Dashboard shows correct video count
- Verify subscribers are visible
- Test a shortcode: [youtube_gallery]
- Import a new video

6. Delete Old Plugins

Only after verifying everything works:

- Delete the 4 old plugin folders
- Old settings will be cleaned up automatically

© Key Benefits

Before (4 Separate Plugins)

- X 4 different admin menus
- X YouTube API key entered 4 times
- × 20+ scattered settings options
- X Duplicate functionality (lazy loading, search, etc.)
- X Conflicting styles/scripts
- X Confusion about which plugin does what

After (1 Combined Plugin)

- Single unified admin interface
- V One API key configuration
- V Organized tabbed settings
- V No duplicate features
- **V** Consistent styling
- V Clear feature organization
- V Better performance (fewer HTTP requests)
- Z Easier to maintain

Shortcode Examples

All these work with the combined plugin:



php

```
// Video gallery (from old importer plugin)
[youtube_gallery layout="carousel" columns="3"]

// Comments (from old comment sync plugin)
[youtube_comments video_url="https://youtube.com/watch?v=xxx"]

// Video search (from old UX plugin)
[video_search placeholder="Search videos..."]

// Latest videos (from old UX plugin)
[latest_videos count="6" columns="3"]

// Email signup (from old engagement plugin)
[email_signup title="Subscribe for updates"]

// Social share (from old engagement plugin)
[social_share layout="horizontal" size="medium"]
```

Database Compatibility

No data loss! All existing data is preserved:

- All imported videos remain
- V All subscribers remain
- All analytics data remains
- V All post metadata remains

Troubleshooting

"Settings not found"

Run the migration script above to transfer old settings to new format.

"Shortcodes not working"

All shortcodes are backward compatible. Clear cache if issues persist.

"Missing videos"

Videos are WordPress posts, they remain untouched. Check Posts page.

"Lost subscribers"

Database tables are preserved. Check: YouTube Suite > Subscribers

Support

For issues during migration:

- 1. Check migration script output
- 2. Verify all 4 old plugins are deactivated
- 3. Check error logs: wp-content/debug.log
- 4. Restore backup if needed

Migration is safe and reversible! All data remains intact. You can always reactivate old plugins if needed.