

PeerTube options

Option	Description	Default
PeerTube video management	Integration with the PeerTube video platform	Disabled
Plugin PeerTube Video	Display a PeerTube video via the {peertube} wiki plugin (oEmbed)	Disabled
PeerTube Video (tracker field)	Display a series of attached PeerTube videos in tracker items	Disabled
PeerTube service URL	Your PeerTube instance URL (e.g., https://videos.example.com/). A trailing "/" is added automatically if missing.	None
Username	PeerTube account username used for uploads/API actions	None
Password	PeerTube account password used for uploads/API actions	None
PeerTube player ID (optional)	Player configuration ID if you use a custom PeerTube player	None

Note: The PeerTube local OAuth client (client_id/client_secret) is auto-discovered by Tiki from /api/v1/oauth-clients/local. No admin input required.

Why Use PeerTube Instead of...?

- ...YouTube/Vimeo?

- No ads or tracking; self-host or choose your instance
- ActivityPub federation — your channel can be followed across the Fediverse (other PeerTube/Mastodon servers) without relying on one company.
- Tight Tiki integration — reuse Tiki groups/permissions and keep a consistent UI; embeds feel native and sign-in flows stay within your site.

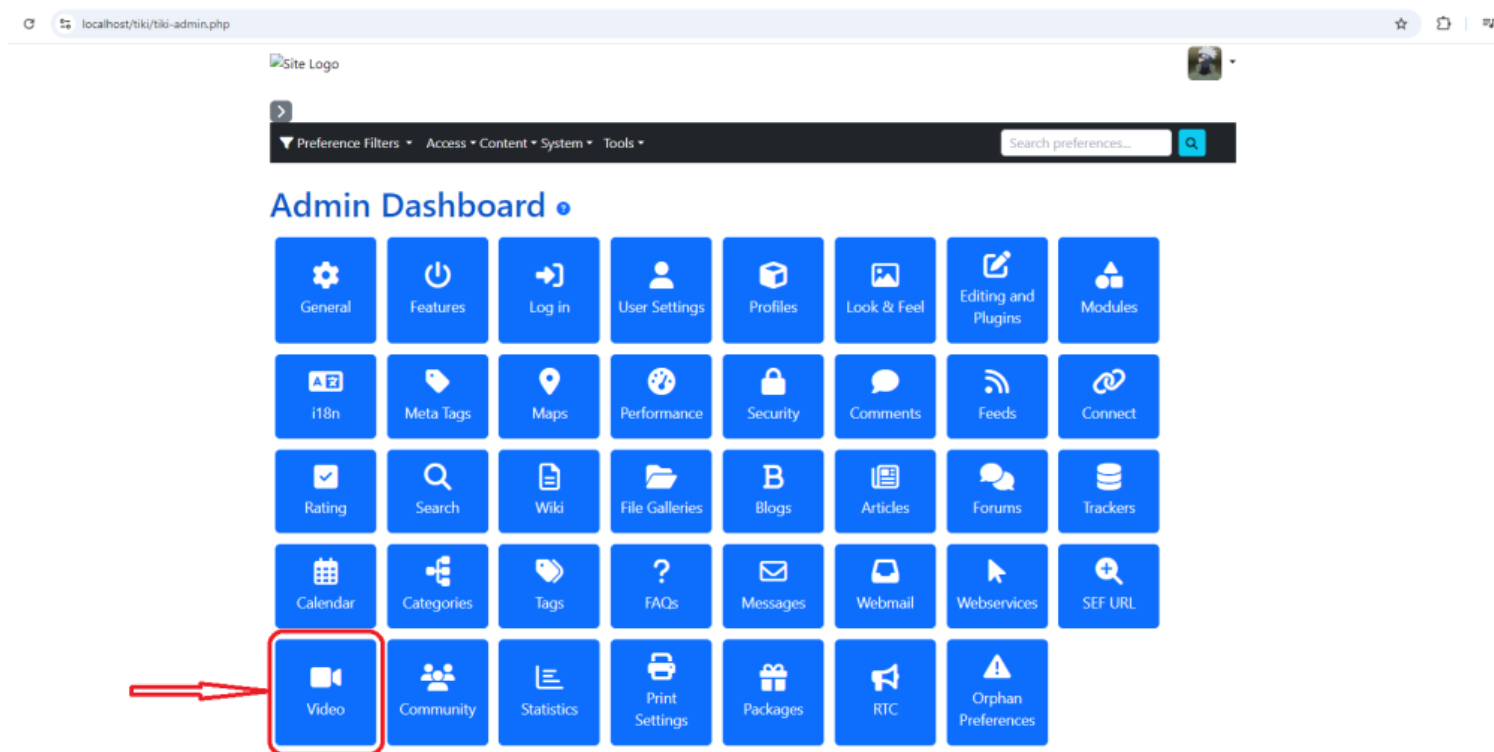
- ...Tiki File Gallery?

- Transcoding & adaptive streaming — PeerTube auto-creates multiple qualities and streams via HLS/WebRTC, working well on mobile and slow connections.
 - Federation & analytics — videos can be discovered across instances, with built-in stats (views, watch time) and moderation tools.
 - File Gallery is storage-first — great for keeping files, but it doesn't transcode, stream adaptively, or federate; for a smooth “watch” experience, use PeerTube.
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New in Tiki 30.x

- New feature flag: `feature_peertube`
- New prefs: `peertube_service_url`, `peertube_username`, `peertube_password`
- New permission: `tiki_p_admin_peertube` (+ existing: upload/list/view/edit/delete/download)
- New pages:
 - `tiki-list_peertube_entries.php` (list, sort, search, actions)
 - `tiki-peertube_upload.php` (channel, title, description, privacy)
 - `tiki-peertube_video.php` (view/manage/delete)
- New wiki plugin: PluginPeerTube (*oEmbed*)
- New tracker field: PeerTube Video (`trackerfield_peertube`)
- Admin UI: connection test & guidance; menu entries under `Video`

 *Admin UI - Video PeerTube: connection test & prefs*



Admin Dashboard — Video icon

Getting Started: Tiki - PeerTube

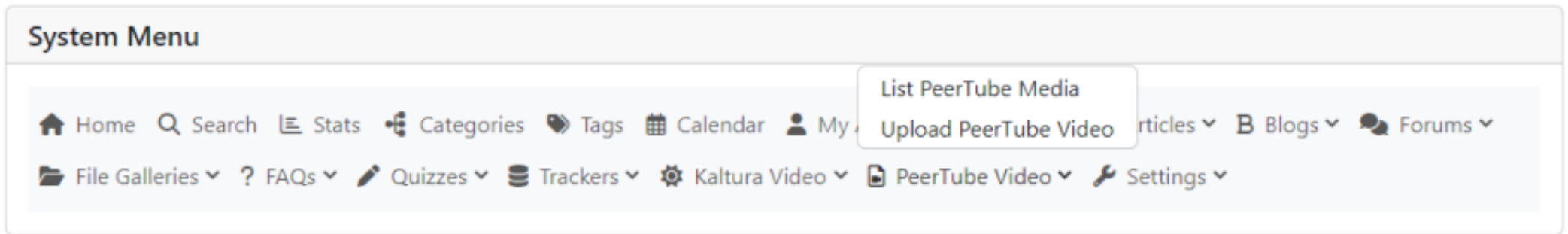
- List / thumbnails of videos from your PeerTube instance
- Search & sort (title, created/published date, privacy)
- Privacy badges, duration, views; quick actions (view / download / edit / delete)
- Uses Tiki permissions (list/upload/view/edit/delete)
- Go to **Admin » Video » PeerTube**
- Enable **PeerTube video management** and the plugin/field if needed

- Set: **service URL, client id/secret, username, password**
- Save, then use the video list to verify

The screenshot shows the 'Video' configuration tab in the Admin UI. At the top, there's a 'Video' header with a sub-header 'Video integration configuration'. Below this, there are tabs for 'Kaltura' and 'PeerTube', with 'PeerTube' being the active tab. A light blue notification box titled 'PeerTube Configuration Status' states: 'PeerTube instance is reachable. However, to ensure the credentials are valid, please visit the video list.' Below the notification, there's a 'List Videos' button on the left and an 'Apply' button on the right. The 'Activate the feature' section shows 'PeerTube video management' with a checked checkbox and an 'advanced' label. The 'Plugin to embed in pages' section shows 'Plugin PeerTube Video' with a checked checkbox and an 'advanced' label. The 'PeerTube settings' section contains five input fields: 'PeerTube service URL' (with a help icon), 'Client ID' (with a help icon), 'Client secret' (with a help icon), 'Username' (with a help icon), and 'Password' (with a help icon and a toggle for visibility). Each field has a 'copy' icon to its right. An 'Apply' button is located at the bottom right of the settings section.

Admin UI – PeerTube tab

- Menu entries under **PeerTube Video: List PeerTube Media, Upload PeerTube Video**
- Tracker field: **PeerTube Video** to attach one or more videos to items
- Pages: `tiki-list_peertube_entries.php`, `tiki-peertube_upload.php`, `tiki-peertube_video.php`



Powered by [Tiki Wiki CMS Groupware](#) | Theme: Default

Video menu — PeerTube section

- Embed inside wiki pages with PluginPeerTube

```
{peertube url="https://videos.example.com/w/abc123"}
```

- Optional params: `width`, `height`, `start`, `allowFullScreen`, etc.

Instance: a PeerTube server that can federate with others.

Channel: where videos are uploaded for an account.

Video ID: `uuid` / `shortUUID` used by Tiki to reference a video.

Privacy: `Public`, `Unlisted`, `Private`, `Internal`, `Password`.

ActivityPub: protocol enabling federation across the Fediverse.

oEmbed: used by the plugin to embed a video from its URL.

Requirements & Compatibility

- Tiki $\geq$ 30.x (feature_peertube)
 - PeerTube $\geq$ 6.x (API v1, local OAuth client)
 - HTTPS recommended; default CORS is fine
 - PHP cURL enabled
 - Docs: [PeerTube REST API Reference](#)
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Authentication / Local OAuth client

Tiki auto-discovers the PeerTube local OAuth client (`client_id/client_secret`) from `/api/v1/oauth-clients/local`. These credentials identify the consumer application (the browser) and are public on the instance by design. You do not need to store or enter them manually in Tiki.

API examples (for reference)

```
# 1) Get local OAuth client (client_id / client_secret) curl -s https://YOUR_INSTANCE/api/v1/oauth-clients/local # 2)
Exchange for an access token (password grant) curl -X POST https://YOUR_INSTANCE/api/v1/users/token \ -H
"Content-Type: application/x-www-form-urlencoded" \ -d "client_id=YOUR_CLIENT_ID" \ -d
"client_secret=YOUR_CLIENT_SECRET" \ -d "grant_type=password" \ -d "username=YOUR_SERVICE_USERNAME" \ -d
"password=YOUR_SERVICE_PASSWORD"
```

Permissions mapping

Permission	Purpose
tiki_p_admin_peertube	Administer the PeerTube integration
tiki_p_list_videos	List videos
tiki_p_view_videos	View video details
tiki_p_upload_videos	Upload videos
tiki_p_edit_videos	Edit metadata
tiki_p_delete_videos	Delete videos

Troubleshooting (common errors)

- **Preference `trackerfield\_peertube` is not defined** This usually means caches weren't cleared. **Fix:** Settings → Tiki Cache/Sys Admin → **Clear all caches** Or CLI: ``php console.php cache:clear``
 - **Connection Status = error** → Check `peertube_service_url` (with/without trailing ``/``; Tiki will add it). Ensure the instance is reachable and not blocked by a proxy/firewall.
 - **401 / invalid_grant** → Wrong username/password or server clock drift. Sync time (NTP) on both servers.
 - **413 / upload too large** → Increase `upload_max_filesize` and `post_max_size` (PHP) plus web server limits (Nginx/Apache). Also check PeerTube's upload limit.
 - **“Internal” privacy** → Video may not embed in Tiki due to PeerTube privacy rules.
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Show a video

Here is an example of how to use the PeerTube plugin (oEmbed under the hood):

```
{peertube url="https://videos.evoludata.com/w/2aGghaFr12Cg1Nj1ckqznH"}
```

Notes & Limitations

- PeerTube handles **transcoding** and **adaptive streaming** (HLS/WebRTC); Tiki **File Gallery** is storage-first (not optimized for streaming).
 - **WebTorrent** was removed in PeerTube v6; P2P is now **HLS/WebRTC** only.
 - Always embed using the full watch URL (the `/w/shortUUID` form).
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Related pages

• [PluginPeerTube](#) | [PluginOembed](#) | [Trackers](#)