Proposal: Integrating Lottie Animations into Tiki Wiki

What is Lottie?

Lottie is a modern way to add animations to websites and apps. It uses small JSON files to render high-quality, smooth animations that scale well on any screen size.

Unlike GIFs or videos, Lottie animations are lightweight and fast, making them perfect for online content.

More about Lottie: LottieFiles – What is Lottie?

Why Add Lottie Support to Tiki?

Tiki is a powerful platform for creating and sharing content. By integrating Lottie, we can:

- Embed beautiful animations directly in wiki pages.

- Make tutorials, guides, and presentations more engaging.

- Add motion and energy to static pages.

- Use animations for branding (e.g. animated logos or mascots).

- Help users communicate ideas more clearly using visuals.

How Would This Work in Tiki?

We propose a new wiki plugin: `{LOTTIE}`
This plugin allows users to embed Lottie animations by referencing a file from the File Gallery or an external source.
Example usage:

{LOTTIE (src="tiki-download_file.php?fileId=123" loop="true" autoplay="true" speed="1.5" width="400px" height="400px" background="transparent") }

Or a simplified version:

{LOTTIE src="tiki-download_file.php?fileId=123"}

The plugin renders a Lottie animation directly inside the wiki page.

Which Technology Will We Use?

We recommend using the official dotLottie Web player from LottieFiles:
GitHub – dotLottie Web Player
This is a lightweight and modern Web Component that works on all browsers. It allows full control over animation playback and is actively maintained.

Benefits of the Lottie Plugin

- Lightweight and fast — no performance issues
- Scales beautifully on mobile and desktop
- Easy to use in wiki pages
- Supports looping, autoplay, custom speed, and size
- Makes content visually appealing and easier to understand
- Works well in documentation, onboarding, branding, and tutorials

Summary

Integrating Lottie into Tiki will:

- Bring animation support directly to wiki content
- Improve user experience and visual communication
- Allow users to create richer, more modern content
- Keep Tiki in line with today's web standards

Next Steps (If Approved)

1. Develop the `{LOTTIE}` plugin for wiki content
2. Support `.json` and `.lottie` uploads in the File Gallery
3. Include the dotLottie Web Player in the Tiki frontend
4. Document how users can embed animations in their pages