

Gadgets

This is the name of a future feature which will supersede both modules and wiki plugins. All modules and wiki plugins will become "Gadgets". This could be done in [Tiki14](#) or [Tiki15](#) [Tiki20](#) eventually, after the [Bootstrap](#) (4) transition is complete.

Reason: there is increasing overlap between the two features.

Modules and plugins are bad names because people think it refers to plugins/modules/extensions in other Web apps.

Naming

Code name for this feature: The Fluffy Project (aka fluffies) on the basis that's a totally random name and better than *plugin*.

Other possibilities discussed were:

- Gadget
- Widget
- Component

Structure

- Abstract
 - Base class to contain common code, such as parameters, permissions, profile info etc
- DOM Element
 - Fluffies with a DOM element representation
 - Basically the current `{div}` plugin - so all other fluffies will have common parameters such as width, class etc
- Content Body
 - Fluffies that can have content, with a mechanism to have conditional content block with an `{ELSE}` such as the `{group}` plugin and others

Wishes

- Use the new Bootstrap classes
- Alternate behaviors for print/mobile/small screen/etc.
- All optional (like plugins are but modules aren't)
- Possible to have permissions for use
- Usable in text area (like plugins) and in Smarty Templates (like modules)
- Self-contained in a zip (for custom gadgets)
- For modules to be converted to gadgets (doable via [Database Schema Upgrade](#))
- For plugins to be still functional
 - Perhaps Gadget alias concept, like we have for plugin alias
- So the old plugin `{listpages}` is an alias of a new gadget

alias

- [Project Fluffy](#)
- [Widgets](#)
- [Plugin and Module Revamp](#)

Related

- <https://github.com/mozilla/brick>
- [Web Components](#)