

DiSyL Syntax Reference Guide

Complete Documentation for All Supported CMS Platforms

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Table of Contents

1. [Introduction](#introduction)
 2. [Core Syntax](#core-syntax)
 3. [Universal Components](#universal-components)
 4. [WordPress-Specific Syntax](#wordpress-specific-syntax)
 5. [Joomla-Specific Syntax](#joomla-specific-syntax)
 6. [Drupal-Specific Syntax](#drupal-specific-syntax)
 7. [Filters Reference](#filters-reference)
 8. [Conditional Logic](#conditional-logic)
 9. [Loops & Queries](#loops--queries)
 10. [Best Practices](#best-practices)
-

Introduction

DiSyL (Declarative Ikabud Syntax Language) is a universal, CMS-agnostic template language that enables developers to write templates once and deploy them across multiple CMS platforms.

Key Features

- **Write Once, Deploy Everywhere** - Single template syntax for all CMSs
- **High Performance** - Compiled AST with caching
- **Security First** - Built-in XSS prevention
- **Rich Component Library** - 50+ components and filters

Supported CMS Platforms

- ✓ WordPress
 - ✓ Joomla
 - ✓ Drupal (in development)
 - ✓ Ikabud CMS (native)
-

Core Syntax

Comments

```
{!!-- This is a comment --}  
{!!--  
    Multi-line comment  
    Can span multiple lines  
--}
```

CMS Header Declaration

Declare which CMS your template targets (optional but recommended):

```
{ikb_cms type="wordpress" set="components,filters" /}
```

Attributes:

- type - CMS type: wordpress, joomla, drupal, or generic
- set - Comma-separated list: filters, components, hooks, functions

Examples:

```
{!-- WordPress template --}
{ikb_cms type="wordpress" /}

{!-- Joomla template --}
{ikb_cms type="joomla" set="components,filters" /}

{!-- Generic template --}
{ikb_cms type="generic" /}
```

[Variables & Expressions](#)

```
{!-- Simple variable --}
{site.name}

{!-- With filter --}
{post.title | esc_html}

{!-- Multiple filters --}
{post.excerpt | strip_tags | truncate:length=150}

{!-- Nested properties --}
{user.profile.avatar_url | esc_url}
```

...

[Universal Components](#)

These components work across all CMS platforms.

[Layout Components](#)

```
#### ikb_section
Creates a semantic section with optional styling.
```

```
{ikb_section type="hero" padding="large" background="gradient"}
  Content here
{/ikb_section}
```

Attributes:

- type - Section type: hero, content, features, cta, footer
- padding - Padding size: none, small, medium, large, xlarge
- background - Background style: light, dark, gradient, image
- class - Additional CSS classes
- id - Section ID

Examples:

```
{!-- Hero section --}
{ikb_section type="hero" padding="xlarge" class="home-hero"}
```












