Comprehensive Feature Showcase

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1. Advanced Syntax Features

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Bracket notation access: Alice Johnson

Array indexing: First item: Widget Pro, Price: 99.99

Complex expression: Total with tax: 287.477

2. Extended Conditionals

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Grade: B - Good job!

It's a weekday - time to work!

3. Indexed Loops

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Day 1: Monday

Day 2: Tuesday

Day 3: Wednesday

Day 4: Thursday

Day 5: Friday

4. Logical Operators

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Has permission: true

Can edit: true

Is restricted: true

5. Type Conversion Functions

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String to integer: 42

String to decimal: 19.99

Number to string: Original: 42, Converted: "42"

6. Math Functions

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Floor of 3.7: 3

Ceiling of 3.2: 4

Round 3.5: 4

7. Date Functions

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Formatted date: December 25, 2024

Short date: 2024-12-25

Time: 15:30:00

8. Data Access Functions

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Entire data context:

map[\_\_functions\_\_:0x1400006c440 age:21 basePrice:100 defaultTitle:Guest description:This is the old version of the text discount:15 eventDate:2024-12-25 15:30:00 +0000 UTC features:[Fast Flexible Powerful] fruits:[apple banana orange] hasEditRights:true hasID:true hideQ1:false hideQ2:false hideQ3:true hideQ4:false isAdmin:false isLoggedIn:true isOwner:true isPublic:false isVIP:false isWeekend:false items:[map[name:Widget Pro price:99.99] map[name:Gadget Plus price:149.99] map[name:Tool Elite price:199.99]] name:Go-Stencil Template Engine newImageData: newWebsiteUrl:https://github.com/benjaminschreck/go-stencil optionalField:<nil> products:[map[name:Product A price:$10 stock:5] map[name:Product B price:$20 stock:0] map[name:Product C price:$30 stock:15] map[name:Product D price:$40 stock:0]] quantity:3 score:85 status:pending stringNumber:42 stringPrice:19.99 taxRate:8.5 user:map[email:alice@example.com firstName:Alice lastName:Johnson] userTitle: weekDays:[Monday Tuesday Wednesday Thursday Friday]]

Mapped prices: [99.99 149.99 199.99]

9. Utility Functions

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Empty check: true

Contains check: true

Coalesce: Guest

Range example:

Number: 1

Number: 2

Number: 3

Number: 4

Switch example: ⏳ Pending

10. String Functions

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Replace: This is the new version of the text

Length of name: 26

Join with "and": Fast, Flexible and Powerful

11. Number Formatting

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Locale formatting: 1 234,56

German formatting: 1.234,56

12. Document Operations

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Page break follows:

Raw XML injection:

13. Table Operations

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|  |  |  |  |
| --- | --- | --- | --- |
| Product | Price | Stock | Actions |
| Product A | $10 | 5 | Edit |
| Product C | $30 | 15 | Edit |

## Show quarterly data:

|  |  |  |  |
| --- | --- | --- | --- |
| Quarter | Q1 | Q2 | Q4 |
| Sales | 100 | 120 | 150 |

14. Product in 1 Paragraph but 3 lines

21  
true  
false  
15

15. Link Operations

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Update link: [Click here Bro](https://github.com/benjaminschreck/go-stencil)

Another Hyperling: [Dont Replace This](http://example.com/)

16. Fragment Inclusion

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Header fragment:

=== COMPREHENSIVE FEATURE TEST ===
Generated on: 2025-07-24 16:12:41

Footer fragment:

--- End of comprehensive feature test ---
All features demonstrated successfully!

Complex Expressions Example

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Advanced calculation: 309.225

Combined conditions:   
Welcome to the exclusive area!

This document demonstrates all features from the comprehensive feature list.