



# ClipStash

## Templates

# ■ Templates

- ◆ HTML code with additional syntax for server to populate data
- ◆ Handlebars
  - Template engine
  - “Renders” the template into HTML compliant document
- ◆ Server provides data for template rendering
  - Data is specified via **contexts**

# Context

- ◆ Each web page has a dedicated context
  - Variable data to be displayed on a page
- ◆ Contexts are similar to **HashMaps**
  - Key is referenced in template
  - Value is the data that will be processed in template
- ◆ Rust data structures can be converted to a context with **serde**

```
#[derive(Debug, Serialize)]
```

## ■ Example Template

```
<label for="content" class="label">  
  {{clip.title}}  
</label>
```

<https://handlebarsjs.com/>

# ■ Terminology

**Domain**  
**Business Rules**

**Model**  
**Data Layer**

**Ask**  
**Service Layer**

**Context**  
**Template Rendering**  
**Web Layer**