**Tr8n Cheat Sheet**

**Label Internationalization**

<%= tr(LABEL, DESCRIPTION, TOKENS, OPTIONS)%>

<%= trl(LABEL, DESCRIPTION, TOKENS, OPTIONS)%>

<%= LABEL.translate(DESCRIPTION, TOKENS, OPTIONS)%>

Examples:

<%= tr("Hello World”)%>

<%= "Hello World”.translate %>

<%= tr("Invite”, “Invitation button label”)%>

<%= tr("Invite”, “Invitation received by the user”)%>

<%= image\_tag(“pixel.gif”, :**label** => trl(“Image label”))

**Data Tokens**

**Definition**: any element within curly brackets is considered a token.

<%= tr("Hello {name}”, “Greeting message”, **:name** => “Michael”)%>

**Numeric Data Token**

**Definition**: numeric values that affect the translations in other languages

**"numeric\_token"**: **{**

**"suffixes"**: **[**"count", "num", "age", "hours", "minutes", "years", "seconds"**]**,

**"method"**: "to\_i"

**}**

Examples:

<%= tr("You have {count || friend}", “Sample message”, **:count** => 5)%>

Results in: “You have 5 friends”

<%= tr("Your {count | friend}", “Sample message”, **:count** => 5)%>

Results in: “Your friends”

<%= tr("Invite {count | this person, those people}", “Sample message”, **:count** => 5)%>

Results in: “Invite those people”

<%= tr("Invite {count | this person, those people}", “Sample message”, **:count** => 1)%>

Results in: “Invite this person”

**Gender Based Data Tokens**

**Definition**: tokens that represent an entity that has a gender and affect the translation

**"gender\_token"**: **{**

**"suffixes"**: **[**"user", "profile", "actor", "target", "partner", "parent", "child", "sibling"**]**,

**"method"**: "gender",

**"values"**: **{"unknown"**: "u", **"neutral"**: "n", **"female"**: "f", **"male"**: "m"**}**

**}**

Simple token:

<%= tr("Dear {user}", nil, **:user** => current\_user) %>

Token with decorative substitution:

<%= tr("Dear {user}", nil, **:user** => [current\_user, display\_profile(current\_user)]) %>

Token with decorative substitution using symbol method call:

<%= tr("Dear {user}", nil, **:user** => [current\_user, **:first\_name**]) %>

Token with decorative substitution using symbol method call with parameters:

<%= tr("Dear {user}", nil, **:user** => [current\_user, **:some\_method**, "value"]) %>

Token with decorative substitution using lambda method call:

<%= tr("Dear {user}", nil, **:user** => [current\_user, lambda{|val| html\_for(val)}]) %>

Token with decorative substitution using lambda method call with parameters:

<%= tr("Dear {user}", nil, **:user** => [current\_user, lambda{|val, test| html\_for(val, test)}], "test"]) %>

Gender based sentence with a transform token:

<%= tr("{user} changed {user| his, her} name", nil, **:user** => [current\_user, :name]) %>

**Decoration Tokens**

**Definition**: tokens for embedding html or other meta tags into translations

**{**

**"bold"**: "<strong>{$0}</strong>",

**"italic"**: "<i>{$0}</i>",

**"link"**: "<a href='{$1}' style='{$2}'>{$0}</a>"

**}**

*Note: $0 parameter is always the translated value of the lambda*

Bold decoration with default docarator:

<%= tr("[bold: Hello World]”)%>

Link with style using default decorator:

<%= tr("[link: Hello World]”, nil, **:link** => [“http://www.google.com”, “text-decoration:none”])%>

Bold decoration with custom string substitution:

<%= tr("[bold: Hello World]”, nil, **:bold** => "<strong>{$0}</strong>")%>

Link with gender dependent tokens and lambda decoration:

<%= tr("{user} updated [link: {user| his, her} profile]", nil,

**:user** => [current\_user, display\_profile(current\_user)],

**:link** => lambda{|value| display\_profile(value)}

) %>

Link with number dependent tokens and lambda decoration:

<%= tr("You have [link: {count || message}]", nil,

**:count** => i,

**:link** => lambda{|value| link\_to(value, “/inbox”)}

) %>

Sentence with gender dependent and number dependent tokens and a link decoration:

<%= tr("{user} added {user1}, {user2} and [link: {count} other family {count| member}] to {user| his, her} tree", nil,

**:user** => [actor, display\_profile(actor)],

**:user1** => display\_profile(user1),

**:user2** => display\_profile(user2),

**:count** => i,

**:link** => lambda{|value| link\_to(value, “/tree”)}

) %>

Note: this sentence is an example of a complicated structure that would be translated into 9 variations in Russian language:

3 gender variation on {user} for “added” and “{user| his, her}”

3 numeric variations on {count} for “{count| member}”

total: 3 \* 3 = 9 combinations