

## Embedded Ruby Templating

Embedded Ruby, eRuby, or simply “ERB” is a templating solution that allows you to embed the Ruby language into text files of any kind. The information below is taken directly from [\[https://github.com/ruby/erb\]](https://github.com/ruby/erb).

### Tags Parsed by Embedded Ruby

Tag	Description
<code>&lt;% X %&gt;</code>	‘X’ is Ruby code, in-line with output.
<code>&lt;%= Y %&gt;</code>	‘Y’ is a Ruby expression whose evaluation result will replace <code>&lt;%= Y %&gt;</code> .
<code>&lt;%# Z %&gt;</code>	‘Z’ is a comment, for example: <code>&lt;%# this-is-a-comment %&gt;</code>
<code>%</code>	Optionally parsed as <code>&lt;% %&gt;</code> when using ERB.new.
<code>%%</code>	Optionally parsed as <code>%</code> when using ERB.new and is the first character of a line.
<code>&lt;%% or %&gt;</code>	Optionally parsed as <code>&lt;% or %&gt;</code> , respectively, when using ERB.new.

### Ruby in Plain Text

ERB is useful for any generic templating situation. Note that in this example, we use the convenient “% at start of line” tag, and we quote the template literally with `%q{...}` to avoid trouble with the backslash.

[\[https://github.com/ruby/erb#plain-text\]](https://github.com/ruby/erb#plain-text)

### Ruby in HTML

ERB is often used in `.rhtml` files (HTML with embedded Ruby). Notice the need in this example to provide a special binding when the template is run, so that the instance variables in the Product object can be resolved. Note that Rails uses the `.html.erb` convention for generated views.

[CODE at <https://github.com/ruby/erb#ruby-in-html>]