

Redmine - Patch #42737

Replacing html-pipeline with Loofah for HTML Filtering

2025-05-17 06:45 - Takashi Kato

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
<p>The latest version of html-pipeline is 3.2.3. Redmine still uses version 2.14.3, which was released in October 2022. In version 3, html-pipeline replaces Nokogiri with Selma (a Ruby binding for Cloudflare's lol-html) as its internal HTML parser. As a result, upgrading to version 3 would require rewrites of existing filters, due to major API differences.</p> <p>ActionPack already incorporates loofah, which provides a filtering feature similar to that of html-pipeline. Adapting filters from html-pipeline 2 to Loofah's scrubber feature is expected to be relatively straightforward, since both libraries are based on Nokogiri and share similar APIs. Migrating to loofah instead of upgrading html-pipeline helps avoid the complexity of having two different HTML parsers (Nokogiri and Selma) in the same application.</p> <p>For HTML sanitization, we will continue to use the sanitize gem instead of Rails' built-in rails-html-sanitizer, as it offers greater flexibility and aligns with the defaults previously used by html-pipeline 2.</p> <p>Additionally, since html-pipeline 2 uses Nokogiri's HTML4 parser internally, and the Rails team recommends HTML5 parsing , this update also includes a transition to an HTML5-compatible parser.</p> <p>The patch can be applied to r23780</p>			

Files

0001-Replacing-html-pipeline-with-Loofah-for-HTML-Filteri.patch	30.1 KB	2025-05-17	Takashi Kato
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