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Spring Framework 4.1 - handling static web resources



BRIAN CLOZEL (/TEAM/BCLOZEL)

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38 COMMENTS (/BLOG/2014/07/24/SPRING-FRAMEWORK-4-1-HANDLING-STATIC-WEB-RESOURCES#DISQUS_THREAD)

This week, Juergen announced the Spring Framework 4.1 release candidate (<https://spring.io/blog/2014/07/21/spring-framework-4-1-release-candidate-available>). Now is the time to test those new features and see how they can make your applications better!

One of those new features is the flexible resolution and transformation of static web resources. Spring framework already allows you to serve static resources using `ResourceHttpRequestHandlers`. This feature gives you more power and new possibilities.

ResourceResolvers and ResourceTransformers

`ResourceResolvers` (<https://docs.spring.io/spring-framework/docs/4.1.0.RC1/javadoc-api/org/springframework/web/servlet/resource/ResourceResolver.html>) and `ResourceTransformers` (<https://docs.spring.io/spring-framework/docs/4.1.0.RC1/javadoc-api/org/springframework/web/servlet/resource/ResourceTransformer.html>) are at the very core of this new feature.

`ResourceResolvers` can resolve resources, given their URL path. They can also resolve the externally facing *public* URL path for clients to use, given their *internal* resource path. `ResourceTransformers` can modify the content of resolved resources.

Here's a diagram illustrating what happens when serving static resources with

`ResourceHttpRequestHandlers`: