Subject: Using Raw Values in arrays (with Skylark)
Posted by dolik.rce on Mon, 01 Jul 2013 20:48:57 GMT
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Hi,

I've been using (or abusing) the fact that ValueArrays and ValueMaps are translated in templates to something that resembles valid JavaScript. For numbers, it works quite well, but with Strings I've encountered a problem...

To make it work with strings, quotes must be included in the string, but quotes are automatically escaped. So I tried to use Raw() to prevent that, only to find out it doesn't really work.

Here are some things I tried:SKYLARK(Test, "")
{
 // The goal is to produce javascript array like this:
 //   ["a", "b"]

 ValueArray v1;
 v1.Add("\"a\"");
 v1.Add("\"b\"");
 http("TEST1", v1);
 // produces ["a", "b"]
 // --> not "raw"

 ValueArray v2;
 v2.Add(Raw("\"a\""));
 v2.Add(Raw("\"b\""));
 http("TEST2", v2);
 // produces [RAW: "a", RAW: "b"]
 // --> not "raw" + totaly unusable because of the RAW: prefix

 Vector<String> v3;
 v3.Add("\"a\"");
 v3.Add("\"b\"");
 http("TEST3", Raw(Join(v3, ", ")));
 // produces "a", "b"
 // --> closest to desired output (missing only enclosing []), but not
 //   an array anymore (I might want to iterate over it someplace
 //   else in the template)

 http.RenderResult("test/index");
}
I'm currently using the third option, but it is not elegant (i.e. ugly) workaround... Is there some other way? Or would it be possible to modify the Skylark internals to print out the members of arrays and maps directly rather than just calling ToString() on the container? I think that that would make the second test work perfectly...

Best regards,
Honza

PS: I know I could iterate over the array in template using $for and build the Javascript array "manually", but that does hinder the readability of the templates quite considerably...