Runtime Infrastructure - Feature #3092

improve the RemoteLaunchOptionResource to validate against complex expressions

04/29/2016 12:23 PM - Constantin Asofiei

Status:	New		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				
billable:	No		**version:**	
vendor_id:	GCD			

Description

History

#1 - 04/29/2016 12:25 PM - Constantin Asofiei

Branch 1774b adds a new "remotelaunchoption" resource which secures the options which can be specified via the remote launching, for web clients, from a 3rd party app. Currently, there is only an exact match, which checks the bootstrap configuration key against the ACLs. This needs to be enhanced.

From #1774 note 151:

> Yes, I think the resource name would be the key as you specify it here.
>
> A useful enhancement would be to expose both the key and value as an expression engine variable so that the rights "allow" expression can reference the value and do a calculation on it. For example, it could check if it matches a regex or that the length is not greater than a certain amount.
>
> Usually we just specify the "allow" expression using a boolean literal (inside a string, but the content is really treated as an expression that is parsed and evaluated).
>
> This is not hard to do. Override AbstractResource.getLibrary() and then return an inner class implementation that exports the variables. Look at DirectoryResource.DirectoryPool for an example.
>
> If this can't be done today, we can add a task for this.