

Authentic 2 - Development #5279

Expression attribute source

14 August 2014 12:14 PM - Benjamin Dauvergne

Status:	Nouveau	Start date:	14 August 2014
Priority:	Bas	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0:00 hour
Target version:	future	Planning:	
Patch proposed:	No		
Description			
<p>I consider the proposed code as experimental and ,reading history on safe python code evaluation, very likely unsecure, so it's just for discussing.</p> <p>It depends upon an untested safe-expression evaluator library¹ which is the part likely unsecure. This library parse expression as python abstract syntax tree and only keep type of nodes deemed secure.</p> <p>A secure implementation would maybe use a JS interpreter augmented with a sandbox² module and should be able to flag "broken" code so that is not run anymore after detection (if the broken property can only be detected at runtime, like exceding the timeout).</p> <p>¹https://github.com/bdauvergne/python-safe-expression</p> <p>²https://github.com/gf3/sandbox</p>			

History

#1 - 18 August 2014 09:37 AM - Frédéric Péters (de retour le 10/10)

What would the usecase be? I ask this because it looks to me like it duplicates the existing `attributes_ng/sources/function.py` module.

#2 - 19 August 2014 09:40 AM - Benjamin Dauvergne

It would be easier to configure through the UI, `function.py` can do more (I mean "have side effects") but you need to create a python module or put the definition in `config.py` to configure it. Expression attribute would use a safe and **common** language so that users of a SaaS service can code their own "smart" attributes. Java applications often use the Javascript interpreter provided by the JDK for that.

#3 - 16 September 2014 12:54 PM - Benjamin Dauvergne

- Assignee set to Benjamin Dauvergne

#4 - 07 October 2014 11:53 AM - Benjamin Dauvergne

- Priority changed from Normal to Bas

#5 - 06 March 2015 04:37 PM - Benjamin Dauvergne

- Target version set to future

#6 - 09 March 2015 10:57 AM - Benjamin Dauvergne

- Patch proposed changed from Yes to No

#7 - 09 March 2016 02:37 PM - Benjamin Dauvergne

- Assignee deleted (Benjamin Dauvergne)

Files

0001-add-attribute-source-models-AttributeSource-is-a-bas.patch	39.1 KB	14 August 2014	Benjamin Dauvergne
0002-attributes_ng-sources-add-new-expression-source.patch	5.47 KB	14 August 2014	Benjamin Dauvergne
0003-add-a-model-representation-for-expression-attribute-.patch	14.8 KB	14 August 2014	Benjamin Dauvergne