

Infrastructure - Story #6711

Add extensible key/value metadata to Node Registry structures

2014-12-17 00:22 - Matthew Jones

Status:	Closed	Start date:	2014-12-01
Priority:	Normal	Due date:	2014-12-17
Assignee:	Dave Vieglais	% Done:	100%
Category:	d1_schemas	Estimated time:	0.00 hour
Target version:	CCI-2.0.0		
Story Points:			

Description

The current Node XML schema structure (see <http://jenkins-1.dataone.org/jenkins/job/API%20Documentation%20-%20trunk/ws/api-documentation/build/html/apis/Types.html#Types.Node>) has a fixed set of fields for describing required details of a node. For user interface purposes, we need structured metadata about nodes that we can reliably retrieve but that is extensible over time. Addition of simple, repeatable key/value pair would allow us to add to the node registry descriptions and use the field keys by convention. For example, in the UI we need the following metadata about nodes:

- NodeLatitude: {latitude of the node in decimal degrees}
- NodeLongitude: {longitude of the node in decimal degrees}
- NodeContactName: {name for current node contact}
- NodeContactEmail: {email for current node contact}
- NodeWebURL: {URL of links to the main MN web presence, different than baseURL}
- NodeAffiliation: {Institution name}
- NodeLogo: {BINHEX encoded png or other image file}

The addition to the schema could be a simple key/nodemetadata pair like so, that is added as an optional repeatable element to the Node structure:

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[xs:simpleContent](#)

[/xs:attribute](#)

[/xs:extension](#)

[/xs:simpleContent](#)

[/xs:complexType](#)

@

and within the Node definition, we would add:

@

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Related issues:

Related to CN REST - Story #7197: Test changes to Node Registry

Closed

2015-08-06

History

#1 - 2014-12-17 00:49 - Matthew Jones

- Start date set to 2014-12-01

- Due date set to 2014-12-17

- Target version set to CCI-2.0.0

#2 - 2014-12-17 00:50 - Matthew Jones

- Category set to d1_schemas

- Milestone changed from None to CCI-2.0

- Tracker changed from Feature to Story

- Description updated

#3 - 2014-12-17 00:51 - Matthew Jones

- Description updated

#4 - 2015-04-20 13:27 - Dave Vieglais

- % Done changed from 0 to 30

- Status changed from New to In Progress

- Assignee set to Dave Vieglais

This was added to dataoneTypes_v2.0.xsd by Leinfelder, r14126

#5 - 2015-06-16 15:12 - Dave Vieglais

- Target version changed from CCI-2.0.0 to CCI-2.0-TRUNK

#6 - 2015-06-16 16:20 - Dave Vieglais

- Status changed from In Progress to Testing

- % Done changed from 30 to 50

#7 - 2015-06-16 16:21 - Dave Vieglais

- Related to Story #7197: Test changes to Node Registry added

#8 - 2015-07-01 16:22 - Dave Vieglais

- Target version changed from CCI-2.0-TRUNK to CCI-2.0.0

#9 - 2015-08-07 20:48 - Ben Leinfelder

- Status changed from Testing to Closed

- % Done changed from 50 to 100

Implementation and unit test now in trunk.