

Concept Google SiteMap M5

Introduction

Improve site map app with new functionality.

Candidate:

- Add additional format
 - [Image Sitemaps](#)
 - [Video](#)
- Add validation
 - during site map creation
 - size less than 10 Mb
 - less than 50 000 url's
 - using a specific action
 - perform an XSD validation
 - Show dead branch
- Add the possibility to create a [site map index file](#)
 - Specific action
 - Specific type/icon
 - Specific validation
- Give the option to compress the site map in the main dialog (.gz)
- Add an action to create a [robot.txt file](#)

Improve site map code implementation.

- Introduce NodeTypes class
- Introduce mixin for site map properties
 - Site map pages element should have a dedicated mixin instead of 'dummy' property
- Increase site map coverage.
- Use a servlet instead a template+ftl to render xml.
- Use pure vaadin Item instead of JcrItems in the detail dialogs
 - Use the siteMap bean in the detail dialog
- Improve delete action
 - Unregister site map
 - Remove pages mixin
- Configure default values
 - default values have to be configured on siteMap level.

Code improvement

Site map mixin

Create a GoogleSiteMap mixin nodeType definition.

Definition

```
<nodeType name="mgnl:googleSiteMap" isMixin="true">
  <supertypes>
    <supertype>nt:base</supertype>
  </supertypes>
  <propertyDefinition name="mgnl:googleSiteMapChangeFreq" requiredType="String" autoCreated="false"
mandatory="false" onParentVersion="COPY" protected="false" multiple="false"/>
  <propertyDefinition name="mgnl:googleSiteMapDisplayName" requiredType="String" autoCreated="false"
mandatory="false" onParentVersion="COPY" protected="false" multiple="false"/>
  <propertyDefinition name="mgnl:googleSiteMapPriority" requiredType="Double" autoCreated="false" mandatory="
false" onParentVersion="COPY" protected="false" multiple="false"/>
  <propertyDefinition name="mgnl:googleSiteMapHide" requiredType="Boolean" autoCreated="false" mandatory="
false" onParentVersion="COPY" protected="false" multiple="false"/>
  <propertyDefinition name="mgnl:googleSiteMapHideChildren" requiredType="Boolean" autoCreated="false"
mandatory="false" onParentVersion="COPY" protected="false" multiple="false"/>
</nodeType>
```

Task

- Add the nodeType definition to the "mgnl:page" during module installation
 - Create a migration task in order to convert existing siteMap
- Use this nodeType during siteMap pages creation or update

Vaadin Item instead of JcrNodeAdapter in detail subApp