

Infrastructure - Task #4686

Story # 3892 (Closed): Need a content viewing / rendering service

Add proposed MNRead packaging service to the Architecture Docs

2014-04-04 22:14 - Chris Jones

Status:	Closed	Start date:	2014-04-04
Priority:	Normal	Due date:	
Assignee:	Matthew Jones	% Done:	100%
Category:	Documentation	Estimated time:	0.00 hour
Target version:	CCI-2.0.0	Story Points:	
Milestone:	None		
Product Version:	*		

Description

We need a means of consistently providing a downloadable package of science data and science metadata documents. The BagIt specification has been proposed in Architecture Documents, and a prototype of this service has been implemented in Metacat, see <https://projects.ecoinformatics.org/ecoinfo/issues/6290>.

Update the Architecture documents to include an MNRead.getPackage(pid) API call. From the prototype:

```
GET /packages/{pid}
MNRead.getPackage(pid) -> Types.OctetStream
```

Returns a package of associated data and metadata documents as they are defined in the resource map that {pid} participates in. The service MUST set the HTTP Content-Type header appropriately (like application/zip), and name the package appropriately in the HTTP Content-Disposition header.

We may also consider other download formats other than BagIt zip files, so something like:

```
GET /packages/{packageType}/{pid}
MNRead.getPackage(pid, packageType) -> Types.OctetStream
```

History

#1 - 2014-05-11 21:19 - Matthew Jones

- Description updated

#2 - 2014-05-11 23:41 - Matthew Jones

- Status changed from New to Closed

- % Done changed from 0 to 100

- translation missing: en.field_remaining_hours set to 0.0

Completed the API documentation. Note that I assigned the packageType parameter to the ObjectFormatIdentifier type. Checked into svn trunk under commit #r13786.

#3 - 2014-09-24 18:27 - Dave Vieglais

- Target version changed from 2014.14-Block.2.3 to CCI-2.0.0