# 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

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| **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 | | | |
| **Milestone:** | None | | **Story Points:** | |
| **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*