

## Arvados - Story #8832

### [Keep] Azure SDK requirements analysis - update Azure SDK to include metadata in ListBlobs api call

03/30/2016 02:14 PM - Radhika Chippada

<b>Status:</b>	Resolved	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Radhika Chippada	<b>% Done:</b>	0%
<b>Category:</b>	Keep	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2016-05-11 sprint		
<b>Description</b>			
<ul style="list-style-type: none"><li>• Create a ticket (if one does not already exist)</li><li>• Determine the acceptable metadata xml encoding<ul style="list-style-type: none"><li>◦ Test locally (with valid account name and key) to see if ' Include: "metadata" ' works or not with the SDK and how the XML is encoded</li><li>◦ Discuss with the Azure team to agree on the acceptable xml encoding (if the above test does not give conclusive results)</li></ul></li></ul>			
<b>Related issues:</b>			
Blocks Arvados - Story #8833: [Keep] Azure SDK update to add metadata to List...		<b>Resolved</b>	<b>04/28/2016</b>

#### History

##### #1 - 03/30/2016 02:20 PM - Radhika Chippada

- Description updated

##### #2 - 04/27/2016 12:10 PM - Radhika Chippada

- Category set to Keep

- Assigned To set to Radhika Chippada

- Target version changed from Arvados Future Sprints to 2016-04-27 sprint

##### #3 - 04/27/2016 12:11 PM - Radhika Chippada

- Status changed from New to In Progress

##### #4 - 04/27/2016 12:53 PM - Radhika Chippada

Adding "include:metadata" to ListBlobs request is resulting in the inclusion of Metadata in the ListBlobs response.

With that, using the following code, we are now able to include the Metadata in Blob in the ListBlobs response.

```
--- a/storage/blob.go
+++ b/storage/blob.go
@@ -53,9 +53,21 @@ type ContainerListResponse struct {

// A Blob is an entry in BlobListResponse.
type Blob struct {
-     Name      string      `xml:"Name"`
-     Properties BlobProperties `xml:"Properties"`
-     // TODO (ahmetalpalkan) Metadata
+     Name      string      `xml:"Name"`
+     Properties BlobProperties `xml:"Properties"`
+     Metadata  MetadataPropertyList `xml:"Metadata"`
+ }
+
+ // MetadataPropertyList belonging to a Blob
+ type MetadataPropertyList struct {
+     List []MetadataProperty `xml:",any"`
+ }
+
+ // A MetadataProperty is a name and value pair, comprising
+ // an XMLName of type xml.Name and Value of type string.
+ type MetadataProperty struct {
+     XMLName xml.Name `xml:""`
```

```
+ Value string `xml:",chardata"`  
}
```

**#5 - 04/27/2016 04:46 PM - Brett Smith**

- Target version changed from 2016-04-27 sprint to Arvados Future Sprints

**#6 - 05/04/2016 08:26 PM - Radhika Chippada**

- Status changed from In Progress to Resolved

- Target version changed from Arvados Future Sprints to 2016-05-11 sprint

PR was made with work from [#8833](#) and was accepted.