

Distribution  
content from  
metadata

The mapping function could be executed as part of the metadata pipeline, and tokens inserted into the enhanced metadata record, in which case the DistributionList could be generated directly from the metadata

Map Distribution to  
RepresentationFormat  
Tokens

Lookup table: list of test  
routines (fingerprints) to run  
on distribution object, with  
token for match

DistributionList:

{[tokens], name, url, protocol,  
[format], appProfile,  
function...}

processing component needs to construct label and actionable URL from the template for each DistributionObject in Distribution List. There might be multiple distributions with the same token, or multiple applications for the same token. The labels for each actionable link need to be unique and inform the user what it will do; concatenate Distribution name and Application label.

Map Tokens to  
action options

Lookup table: Table that  
correlates tokens with  
application labels and  
URL templates;

ActionList:

{label,  
Actionable URL}

User interface:  
user picks one  
to execute

EC Registry:

- RepresentationFormats (InterchangeFormat)
- Applications (Software)