**A proposal for comparing GISC statuses using a REST interface**

Each GISC will expose a URL from which a JSON document can be downloaded. The JSON document will be updated once a day (to start with). All of the other GISC will download this file (e.g. with wget) regularly, in order to create a consolidated view of the WIS.

For example, BoM will expose at <http://www.bom.gov.au/wis/status>

So, issuing the following HTTP request:

GET <http://www.bom.gov.au/wis/status>

Will return:

{

 “centre”: “gisc-melbourne”,

 “date” : “2014-01-24T00:00:00Z”,

 “metrics”: {

 “cache\_24h”: {

 “number\_of\_products\_in\_the\_last\_24h”: 300000,

 “bytes\_recieved\_in\_the\_last\_24h”: 99999,

 ...

 },

 ...

 },

 “services” : {

 “oai\_pmh” : { “status” : “up” },

 “ftp” : {

 “status” : “down”,

 “reason”: “scheduled maintenance”,

 “expected” : “2014-01-24T08:00:00Z”,

 ...

 }

 }

}

There are JSON parsers in all languages.