**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.