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UMD CLIENT QUALITY CRITERIA v 2

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Abstract

This document describes the Quality Criteria for the Client Capabilities of the UMD distribution must meet.



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Document Log

| Issue | Date | Comment | Author/Partner |
|-----------|------------|----------------------------|----------------|
| 2 DRAFT 1 | 15/02/2011 | Preparation of new release | Enol Fernández |
| 2 DRAFT 2 | 01/07/2011 | Update of client criteria | Enol Fernández |
| 2 | 02/08/2011 | Release of criteria | Enol Fernández |



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1 CLIENT API

| SAGA API Support | |
|-------------------------|--|
| ID | CLIENT_API_1 |
| Description | Client Appliances should be “SAGA compliant” implementations of the SAGA API |
| Mandatory | YES |
| Applicability | Client API Appliances |

| | |
|---------------------------------------|---|
| Input from Technology Provider | A Client API Capability implementations that follows the SAGA API specification, and the language binding(s) for its respective programming language(s), both syntactically and semantically. |
| Pass/Fail Criteria | The Client API Appliance provides “SAGA compliant” implementations or “partially SAGA compliant” implementations as defined in the SAGA API specification. |
| Related Information | SAGA API [R 2] |
| Revision Log | |

| Middleware Bindings | |
|----------------------------|---|
| ID | CLIENT_API_2 |
| Description | TP should provide middleware bindings for accessing their products through the Client API |
| Mandatory | YES |
| Applicability | Client API Appliances |

| | |
|---------------------------------------|--|
| Input from Technology Provider | SAGA-adaptor for accessing the middleware products provided by the TP. A test-suite that assures that the SAGA-adaptor works as expected should be provided. |
| Pass/Fail Criteria | The SAGA-adaptor allows the access to the TP middleware through the SAGA API. |
| Related Information | SAGA API [R 2][R 3] |
| Revision Log | |



2 REFERENCES

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|------------|--|
| R 1 | UMD roadmap: https://documents.egi.eu/public/ShowDocument?docid=100 |
| R 2 | SAGA-CORE-WG: A Simple API for Grid Applications (SAGA) v1.0 (GFD.90) |
| R 3 | SAGA (A Simple API for Grid Applications): http://saga.cct.lsu.edu/ |