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# JRA1 - Middleware Development, Evolution and Integration (WP5)

The following tasks are part of JRA1:

## JRA1.1 - Work Package Coordination

EMI Technical Objectives ('living development and test plan')

EMI-1 Development and Test Plans - EMI Internal Task List & Objectives Perspective

EMI-1 Development and Test Plans - User Perspective (component in alphabetical order)

Process System: Reporting Top 5 Key Development Highlights to PEB

Process System: EMI Compute Interfaces Evolution

Process System: WP Progress Tracking

[Go to JRA1.1 Details](#)

## JRA1.2 - Definition and Implementation of the Compute Area Work Plan

*[DONE] D5.1.1: DJRA1.1.1 - Compute Area Work Plan and Status Report (M3) (-->)*

*[DONE] MS27: MJRA1.2 - Agreement on common job submission and management methods (M6) (-->)*

*[DONE] D5.1.2: DJRA1.1.2 - Compute Area Work Plan and Status Report (M12) (-->)*

[GO!] MS28: MJRA1.3 - Successful implementation of the common job submission and management methods (M18)

[GO!] D5.1.3: DJRA1.1.3 - Compute Area Work Plan and Status Report (M24)

[HOLD] MS29: MJRA1.4 - Successful computational usage of emerging computing models (M30)

[HOLD] D5.1.4: DJRA1.1.4 - Compute Area Work Plan and Status Report (M36)

[Go to JRA1.2 Details](#)

## JRA1.3 - Definition and Implementation of the Data Area Work Plan

*[DONE] D5.2.1: DJRA1.2.1 - Data Area Work Plan and Status Report (M3) (-->)*

*[DONE] MS30: MJRA1.5 - Agreement on common security methods for data systems (M5) (-->)*

*[DONE] D5.2.2: DJRA1.2.2 - Data Area Work Plan and Status Report (M12) (-->)*

[GO!] MS31: MJRA1.6 - File Catalogue common front-ends (M15)

[GO!] D5.2.3: DJRA1.2.3 - Data Area Work Plan and Status Report (M24)

[GO!] MS32: MJRA1.7 - First implementations of POSIX compliance and HTTP support (M24)

[GO!] MS33: MJRA1.8 - Full standard compliance and POSIX support (M30)

[HOLD] D5.2.4: DJRA1.2.4 - Data Area Work Plan and Status Report (M36)

Go to JRA1.3 Details

## **JRA1.4 - Definition and Implementation of the Security Area Work Plan**

*[DONE] MS26: MJRA1.1 - Security Workshop (M2) (-->)*

*[DONE] D5.3.1: DJRA1.3.1 - Security Area Work Plan and Status Report (M3) (-->)*

*[DONE] MS34: MJRA1.9 - AAI requirements of DCIs (M7) (-->)*

*[DONE] D5.3.2: DJRA1.3.2 - Security Area Work Plan and Status Report (M12) (-->)*

[GO!] MS35: MJRA1.10 - EMI Security Workshop (M17)

[GO!] MS36: MJRA1.11 - Easier end-user access capability to EMI components in place (M18)

[GO!] D5.3.3: DJRA1.3.3 - Security Area Work Plan and Status Report (M24)

[HOLD] MS37: MJRA1.12 - Common Security Architecture Assessment (M24)

[HOLD] D5.3.4: DJRA1.3.4 - Security Area Work Plan and Status Report (M36)

Go to JRA1.4 Details

## **JRA1.5 - Definition and Implementation of the Infrastructure Area Work Plan**

*[DONE] D5.4.1: DJRA1.4.1 - Infrastructure Area Work Plan and Status Report (M3) (-->)*

*[DONE] MS38: MJRA1.13 - Agreement on common information exchange methods (M3) (-->)*

*[DONE] D5.4.2: DJRA1.4.2 - Infrastructure Area Work Plan and Status Report (M12) (-->)*

*[DONE] MS39: MJRA1.14 - EMI Information exchange used in computing (M12) (-->)*

[GO!] D5.4.3: DJRA1.4.3 - Infrastructure Area Work Plan and Status Report (M24)

[HOLD] MS40: MJRA1.15 - Service Monitoring and management (M24)

[HOLD] D5.4.4: DJRA1.4.4 - Infrastructure Area Work Plan and Status Report (M36)

[Go to JRA1.5 Details](#)

## **JRA1.6 - Standardization**

*[DONE] D5.5.1: DJRA1.5.1 - Standardization Work Plan and Status Report (M3) (-->)*

*[DONE] MS41: MJRA1.16 - Recommendation of a common set of standards relevant to EMI (M3) (-->)*

*[In Review] D5.5.2: DJRA1.5.2 - Standardization Work Plan and Status Report (M12) (-->)*

[GO!] MS42: MJRA1.17 - Test suites of compliance checks in place (M16)

[GO!] D5.5.3: DJRA1.5.3 - Standardization Work Plan and Status Report (M24)

[HOLD] MS43: MJRA1.18 - Transparent use of open standards in the EMI component ecosystem (M30)

[HOLD] D5.5.4: DJRA1.5.4 - Standardization Work Plan and Status Report (M36)

[Go to JRA1.6 Details](#)

## **JRA1.7 - Integration and Interoperability**

*[DONE] D5.6.1: DJRA1.6.1 - Integration Work Plan and Status Report (M3 - end of July 2010) (-->)*

*[DONE] MS44: MJRA1.19.1 - Integrated EMI Major Release Candidates (M10) (-->)*

*[DONE] D5.6.2: DJRA1.6.2 - Integration Work Plan and Status Report (M12) (-->)*

[GO!] MS45: MJRA1.19.2 - Integrated EMI Major Release Candidates (M22)

[GO!] D5.6.3: DJRA1.6.3 - Integration Work Plan and Status Report (M24)

[HOLD] MS46: MJRA1.19.3 - Integrated EMI Major Release Candidates (M34)

[HOLD] D5.6.4: DJRA1.6.4 - Integration Work Plan and Status Report (M36)

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## **JRA1.8 - Quality Control**

*[DONE] D5.7.1: DJRA1.7.1 - Software Development Quality Control Report (M3) (-->)*

*[DONE] D5.7.2: DJRA1.7.2 - Software Development Quality Control Report (M12) (-->)*

[GO!] D5.7.3: DJRA1.7.3 - Software Development Quality Control Report (M24)

[HOLD] D5.7.4: DJRA1.7.4 - Software Development Quality Control Report (M36)

[Go to JRA1.8 Details](#)

## CDS Links to JRA1 Deliverables

- DJRA1.1.2 (Compute Area Work Plan and Status Report) <http://cdsweb.cern.ch/record/1277610>
  - DJRA1.2.2 (Data Area Work Plan and Status Report) <http://cdsweb.cern.ch/record/1277616>
  - DJRA1.3.2 (Security Area Work Plan and Status Report) <http://cdsweb.cern.ch/record/1277568>
  - DJRA1.4.2 (Infrastructure Area Work Plan and Status Report) <http://cdsweb.cern.ch/record/1277583>
  - DJRA1.6.2 (Integration Work Plan and Status Report) <http://cdsweb.cern.ch/record/1277594>
  - DJRA1.7.2 (Software Development Quality Control Report) <http://cdsweb.cern.ch/record/1277534>
  - MJRA1.2 - Agreement on common job submission and management methods <http://cdsweb.cern.ch/record/1277609>
  - MJRA1.14 - EMI Information exchange used in computing <http://cdsweb.cern.ch/record/1277584>
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