



# CoherentPaaS

Coherent and Rich PaaS with a Common  
Programming Model

ICT FP7-611068

## Local Transaction Manager API D4.2

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PU Public

**PP Restricted to other programme participants (including the Commission)**

RE Restricted to a group specified by the consortium (including the Commission)

CO Confidential, only for members of the consortium (including the Commission)

## Revision History

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## More information

Additional information and public deliverables of CoherentPaaS can be found at: <http://coherentpaas.eu>

# 1. Executive Summary

This deliverable describes the Local Transaction Manager's (LTM) application programming interface (API). The Local Transaction Manager is the integration point for different data stores with the Coherent PaaS Holistic Transaction Manager.

Applications bracket transactions through the Local Transaction Manager and register different data stores that participate in the transactions. The Local Transaction Manager is in charge to coordinate the life cycle of transactions and interacts with the involved data stores to provide full transactional ACID semantics to the application.

The Local transaction manager is deployed jointly with the data store clients, Common Query Engine Client and the application.