Inclusion Dependency Discovery in Akka

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Short overview about the flow

- Dependency Miner calculates in the handle(BatchMessage) method the combinations and stores it locally
- Dependency Worker notifies the Receptionist that it is created
- Receptionist notifies the Dependency Miner about a new worker
- Dependency Miner assigns the Dependency Worker a job
- Dependency Worker checks the given combination and send a completion message

Results

- Master system (with 0 worker)
 Remote worker system with 1 worker
 => 21854 ms
- Master system (with 0 worker)
 Remote worker system with 2 worker
 > 7781 ms
- Master system (with 0 worker)
 - 1. Remote worker system with 2 worker
 - 2. Remote worker system with 2 worker => 5542 ms
- Master system (with 0 worker)
 - 1. Remote worker system with 4 worker
 - 2. Remote worker system with 4 worker
 - 3. Remote worker system with 4 worker => 4966 ms