

# JXTACH

A pure DHT injected in JXTA

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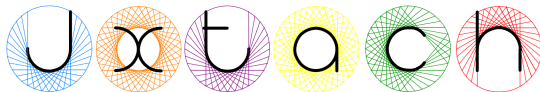


## JXTACh

A new version of JXTA, based on Chord DHT protocol.

To achieve this: a new Rendezvous Service to transparently replace the old one (based on a loosely consistent DHT ) has been implemented.

Purpose: speed up publication and research process of advertisements (resource references).



## Results

Tests comparing JXTACh with the original JXTA (release 2.4.1) has been performed using four metrics:

- lookup time

- percentage of memory (RAM) used

- percentage of CPU time used

- percentage of dropped query

The results show an improvement of almost one order of magnitude.

