

# GIGASPACE XAP JAVA 10.1.1 PERSISTENCY TRAINING

## USING CORE FEATURES OF GIGASPACE XAP AND OPENSACES

Explore persistency of your IMDG in various methods and techniques including SQL/NOSQL database persistency and initial load

This training is designed to provide you with the knowledge required to architect, design and configure high throughput, low latency persistency for your XAP space applications.

You will be introduced to persistency challenges, tuning, configuration, troubleshooting, mirror server, initial load, NOSQL persistency and SQL persistency

<b>AUDIENCE</b>	Developers   Administrators   Project Managers   SI Architects
<b>KNOWLEDGE REQUIREMENTS</b>	XAP core training or XAP Admin training Java working knowledge Eclipse IDE knowledge is a plus
<b>LENGTH</b>	1 Days
<b>BONUS</b>	Plenty of hands-on lab sessions based on the BillBuddy applications

## SYLLABUS

Course Introduction

BillBuddy Application

Persistency Introduction

Asynchronous Persistency – Space Classes

Initial Load – Space Classes

NOSQL – Space Documents

Custom Persistency

Tuning And Troubleshooting

Summary

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## HARDWARE AND SOFTWARE REQUIREMENTS

### Computer Requirements

- Courseware should be preinstalled on trainees' machines prior to class start time.
- RAM: minimum 4 GB of RAM required for exercises and platform to operate, 6 GB and up recommended.
- Disk Space: At least 6 GB of free disk space
- Wireless/wired Internet connection (recommended)
- User with sufficient privileges for creating environment variables and execute processes
- Linux/Mac OS - Trainees should have a user with Administrator privileges (to edit system files for environment variables)
- Windows OS - Trainees should have write/Execute on root folder of HDD(C:)

### Supported Operating Systems

- Windows 7, 8 (64 bit)
- Linux (64 bit)

### Additional Software Requirements

- PDF Reader
- Zip software
- Web Browsers: Mozilla, Chrome. (MS Internet explorer is not supported)
- For Linux only: download and install beforehand MySQL database (version 5.1.X , we prefer 5.1.61 or 5.1.73 that training sand box was tested with) and MongoDB ( version 2.6.6)

### Classroom HW requirements

- Projector 1024\*768 minimum resolution
- White Board
- Erasable Markers
- Desktops or Laptops (see HW Requirements)
- Internet connectivity for all participants
- Electricity outlets for all computers/monitors and other equipment.
- At least 3 electricity outlets next to instructor location