University of Jijel
Faculty of Exact Sciences and Computer Science
Department of Computer Science
L3 – Computer Systems

Semi-Structured Data Chapter -- Module Overview

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2025/2026

Content

- Module objective,

- Module content,

- Assessment.

Content

- **Module objective,**

- Module content,

- Assessment.

Objectif du module

- Become familiar with semi strcutured data to be used in web-oriented applications.

Content

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- **Module content,**

- Assessment.

Module content

- Context and problem statement,
- Multimedia documents and hyperdocuments,
- XML kernel,
- XML galaxy,
- XML databases and semi-structured databases,
- XQuery and XML databases.

Content

- Module objective,

- Module content,

- **Assessment.**

Assessment

- Two components:
  - Lectures
  - Practical work

- Two modes
  - Exam: 60%
  - Continuous assessment: 40%

- Weighting: 3

- Credits: 5

Assessment

- Written Exam

- Continuous evaluation :
  - First evaluation : 8 grades
    - JavaScript/XML (AJAX)
  - Second evaluation : 8 grades
    - Desktop app (Java/Python)/XML
  - Attendance : 4 grades

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