DATA EXCHANGE IN QUEBEC

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TODAY'S TOPICS

❖ Background: Quebec Higher Education

❖ Current models of data exchange

❖ Looking to the future

BACKGROUND:
QUEBEC HIGHER EDUCATION

QUEBEC HE: AN OVERVIEW

Programs and admission requirements approved by Quebec's Ministry of Education

Pathway to a 120-credit undergraduate degree in Quebec
- Students in Quebec: Grade 11 HS diploma ⟶ 2 yrs of CEGEP ⟶ 3 yrs of university
- Students from outside Quebec: Grade 12 HS diploma ⟶ 4 yrs of university

QUEBEC HE: AN OVERVIEW – CONT'D

CEGEP: *Collège d'enseignement général et professionnel*

- Pre-university or Technical Career programs
- Public CEGEPs: 43 French, 5 English
- DCS: Diploma of Collegial Studies
- 221,844 students; 47.8% pre-university

CEGEP students admitted to university

- Receive approximately 30 credits of advanced standing towards their undergraduate degree

CEGEP statistics: 2014/15, Full and part time, Federation des CEGEPs

QUEBEC HE: AN OVERVIEW – CONT'D

Universities: 15 French, 3 English

- Publicly funded
- 308,000 students
- Top four in student population:

   U de Montréal (48,000), *U Laval* (43,000), Concordia (38,000) and McGill (38,000)

- Four medical schools: McGill, *U Laval, U de Montréal, U de Sherbrooke*
- *Université du Québec* (UQ) network – 10 universities

Université de Montréal

UNIVERSITÉ LAVAL

UNIVERSITÉ Concordia UNIVERSITY MONTRÉAL

McGill

University statistics: 2017/18, Full and part time, BCI

BCI

Bureau de coopération interuniversitaire

- An organization made up of a voluntary coalition of Québec universities

"…gives Québec universities the capability to monitor, analyze, collaborate, propose, and respond to issues…"

Subcommittees and development of collective work tools

- E.g. Quebec University Registrars' Subcommittee

- E.g. Managing delivery of electronic CEGEP transcripts

CURRENT MODELS OF DATA EXCHANGE

CEGEP TRANSCRIPT DATA

Submitted electronically from CEGEPs to Ministry of Education

BCI acts as intermediary between Ministry and universities

- Manages data submission to universities
- A set schedule for each admission term
- Transcript data submitted as XML

Transcript data also includes the *Cote R* aka R-score

- R score = ((Zcol x IDGZ) + ISGZ + 5) x 5
- Classification method used by universities for selecting applicants
- Not the only criteria

CEGEP TRANSCRIPT DATA – CONT'D

CEGEP courses that meet university prerequisite requirements

- Ministry-assigned equivalency codes

Receiving the data electronically allows universities to automate their admission

- Auto decisions
- Automated granting of advanced standing and exemptions
- Automated checking of prerequisites

QC INTER-UNIVERSITY TRANSFER

Long standing Qc inter-university mobility agreement

- Allows students to take between 3-6 credits at a host Quebec university
- Regulations of host and home universities apply
- Successfully completed credits are transferred to home university program

BCI application/interface facilitates process

- Approval path
- Grade submission and transfer credit
- Current system is outdated technology – project to upgrade system in the works

Universities extract the transfer course and grade data in Excel format

QC INTER-UNIVERSITY E-TRANSCRIPT EXCHANGE

BCI secure server - FTPS
- Allows Qc universities to securely exchange official PDF transcripts

Current model is only via PDF

All Qc universities participate
- Sending – all except McGill
  - McGill partnering with the National Student Clearinghouse – starting December 2017
- Receiving – all

STATISTICS

Admission Data

- Each fall and winter term: Universities submit applicant data to BCI
- Data poured into a cube: all universities have access for analysis

Enrolment Statistics

- Each fall term: Universities submit enrolment data to BCI
- BCI prepares a comprehensive report highlighting movements and trends
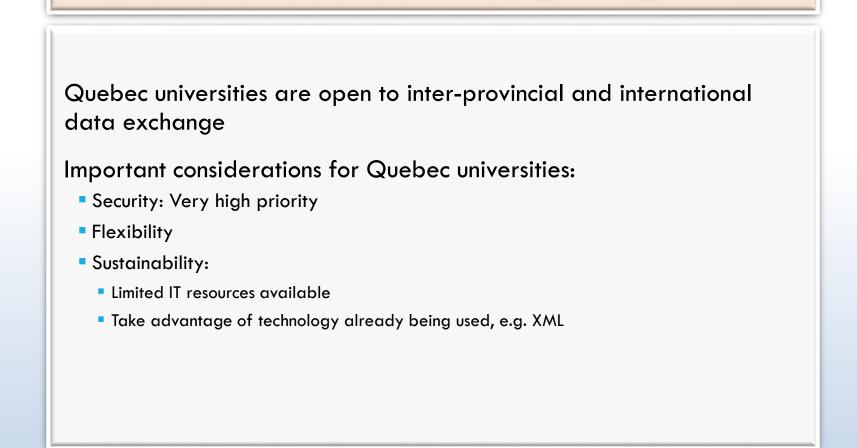- Report is published on BCI website

LOOKING TO THE FUTURE

EXPANDING DATA EXCHANGE

Quebec universities are open to inter-provincial and international data exchange

Important considerations for Quebec universities:

- Security: Very high priority
- Flexibility
- Sustainability:
  - Limited IT resources available
  - Take advantage of technology already being used, e.g. XML

QUESTIONS?

Thank You!

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