

Blaise Update from Statistics Denmark

- or what are we playing around with at the moment?

Leif Bochis Madsen, Statistics Denmark

Overview

- Retirement of Blaise 4
- Labour Force Survey
- CMA and Mutimode-case management
- New winds blowing
- TSI project
- Blaise 5.15

Blaise 4 must retire (slowly)

- From Household to Business Surveys...
- Plus a handful of special household surveys...
- Still one internal Blaise IS "questionnaire"
- A couple of manipula menu systems
- Trigram lookup of active respondents
- Tourism statistics register, journal and edit system

Labour Force Survey

- Outsourced 2007
- 2025: Internal move from B4 to B5
- Introduced colectica questionnaires for instrument generation
- XSD generation
- PostgreSQL as database
- Python, R

New winds blowing

- Cloud technology, Python, R, ...
- Legacy systems for data collection, hard to maintain and based on obsolete platforms
- (obsolescence comes fast these days...)
- A major project on Future IT architecture
 - Technology Support Instrument (TSI)
- How does Blaise fit in?

TSI project

- Blaise relieved from ties to legacy software
 - Actually, it's mostly about retiring legacy software...
- Blaise "in its own right"
 - When old frameworks "disappear" we must put something in instead!
 - New dashboards, e.g.?
- Project runs next couple of months

Blaise 5.15

- Upgraded platform arising (towards .NET core)
- WCF vs. REST
- Middleware for authentication
 - Needed for Business Surveys (and a few others)
- First survey now completed
 - B 5.15.1, new REST-serverpark, new web client, etc.
 - Ready for collection mid February
 - Response rate: 100%

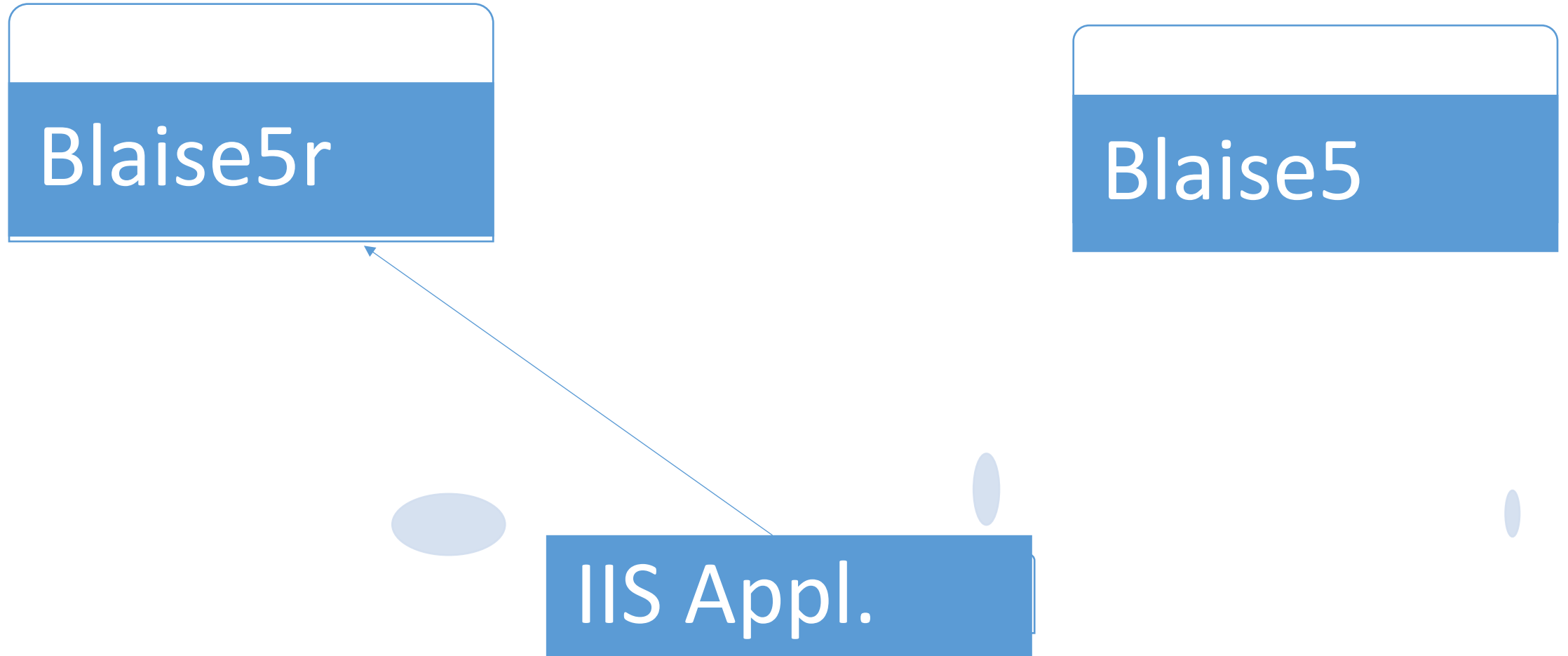
Blaise 5.15 – First survey

- Code of Practice (CoP 2025)
- Annual survey since 2018
- Mandatory (producers of official statistics)
- 14 respondents

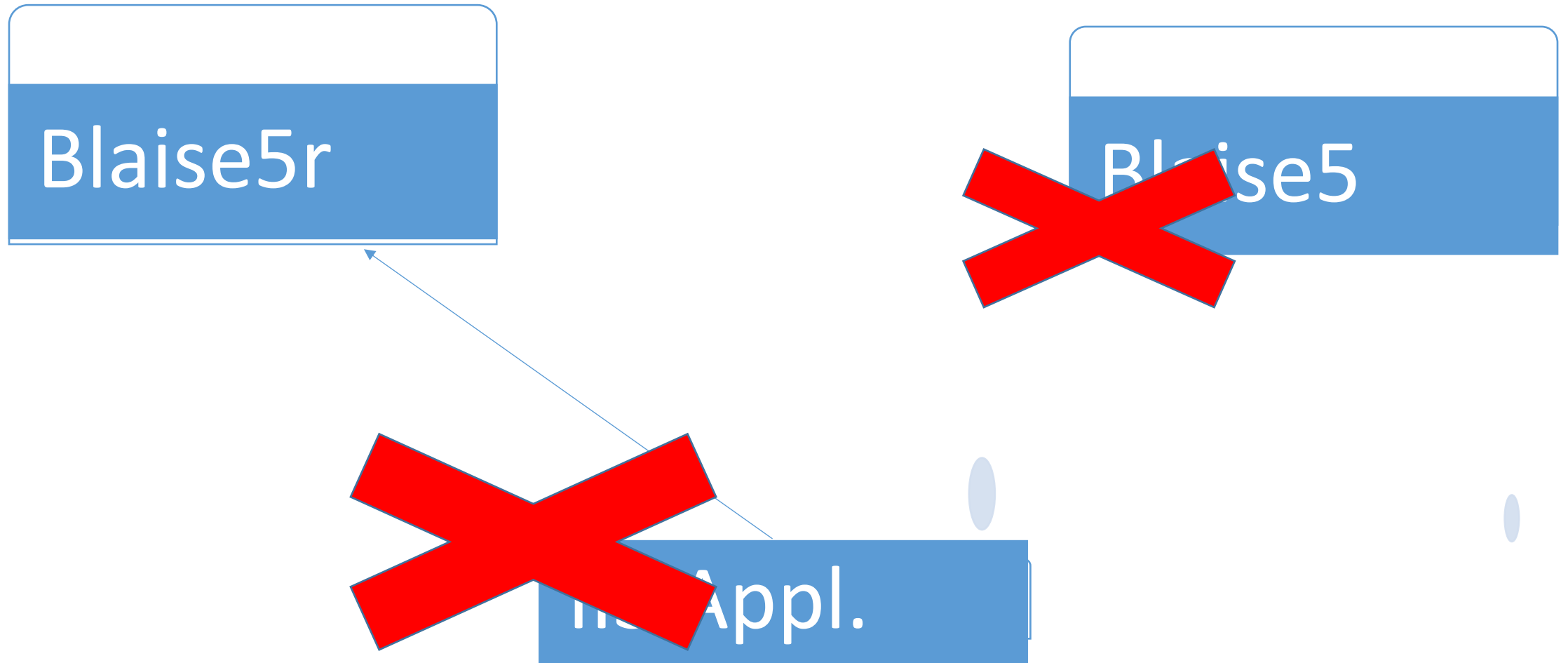
Blaise 5.15 – lessons learned

- Two separate environments
- Two different protocols
- Two different services
- Two different instruments with same SurveyName and SurveyID...

Blaise 5.15 – lessons learned (2)



Blaise 5.15 – lessons learned (3)



Conclusions

- Current technologies – a moving target
- Blaise 5.15 looks like a major step forward
- Have fun!

Thank you!