

HDB development at Elettra



Tango Meeting, Elettra, 17-18 Aprile 2008

HISTORY DATABASE and ARCHIVE EVENTS

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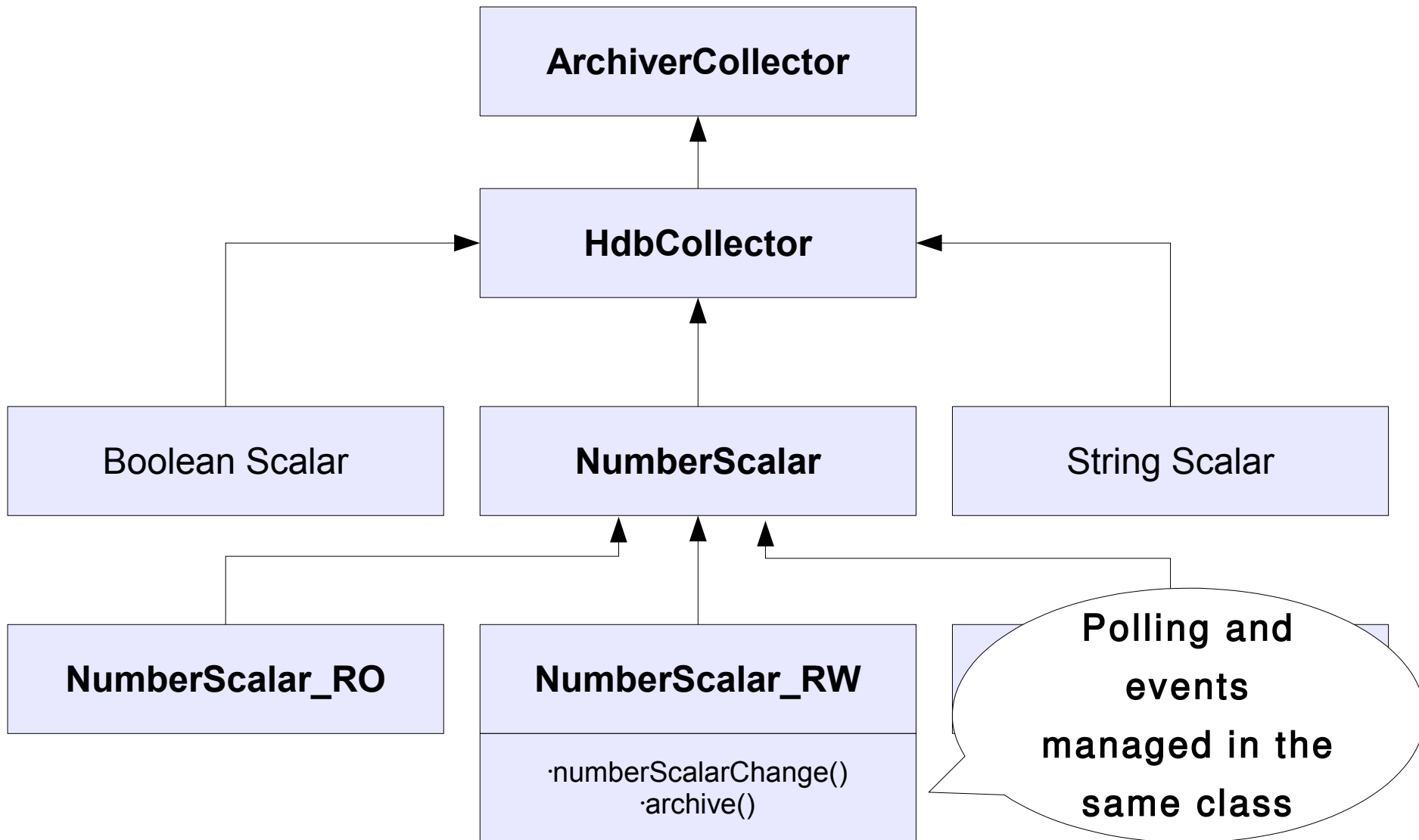
HDB: Status

- x Java 1.6
- x Code refactoring to support *archive events* in a *package* separate from the traditional *polled archiving system*
- x About *three hundred* attributes archived for the *booster*

Hdb: current implementation



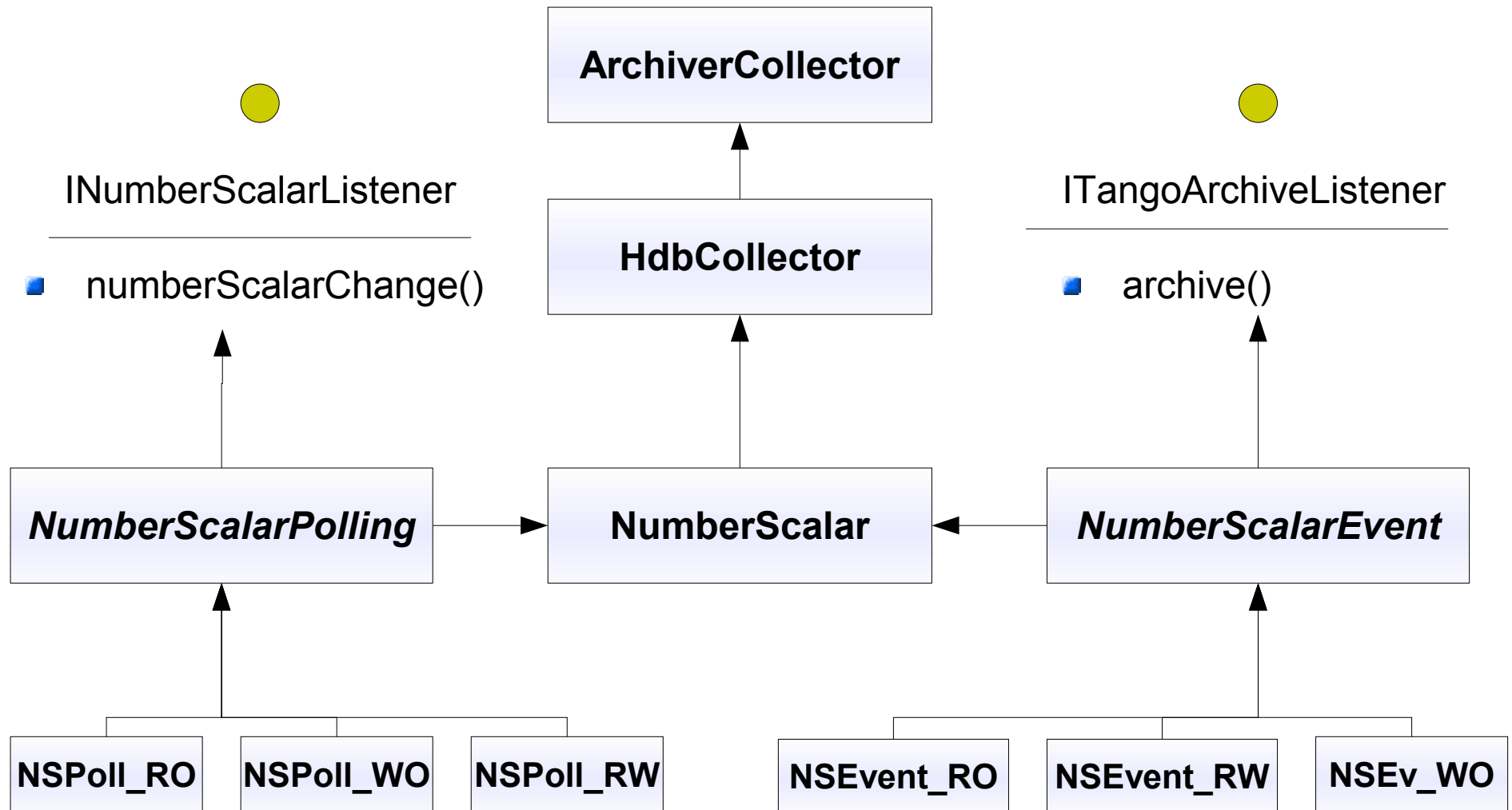
Polling and event handling are mixed in the current code



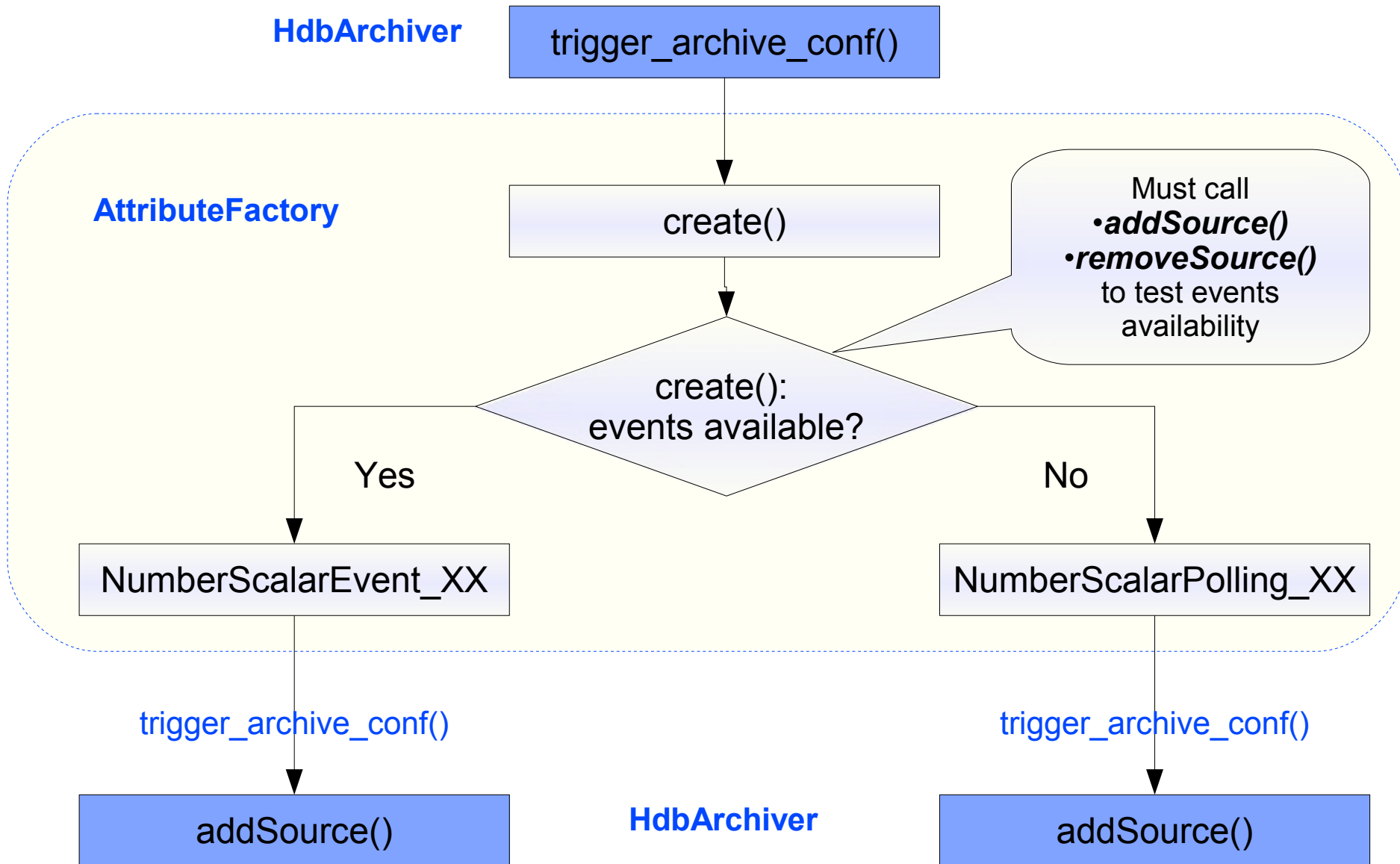
Hdb: code refactoring



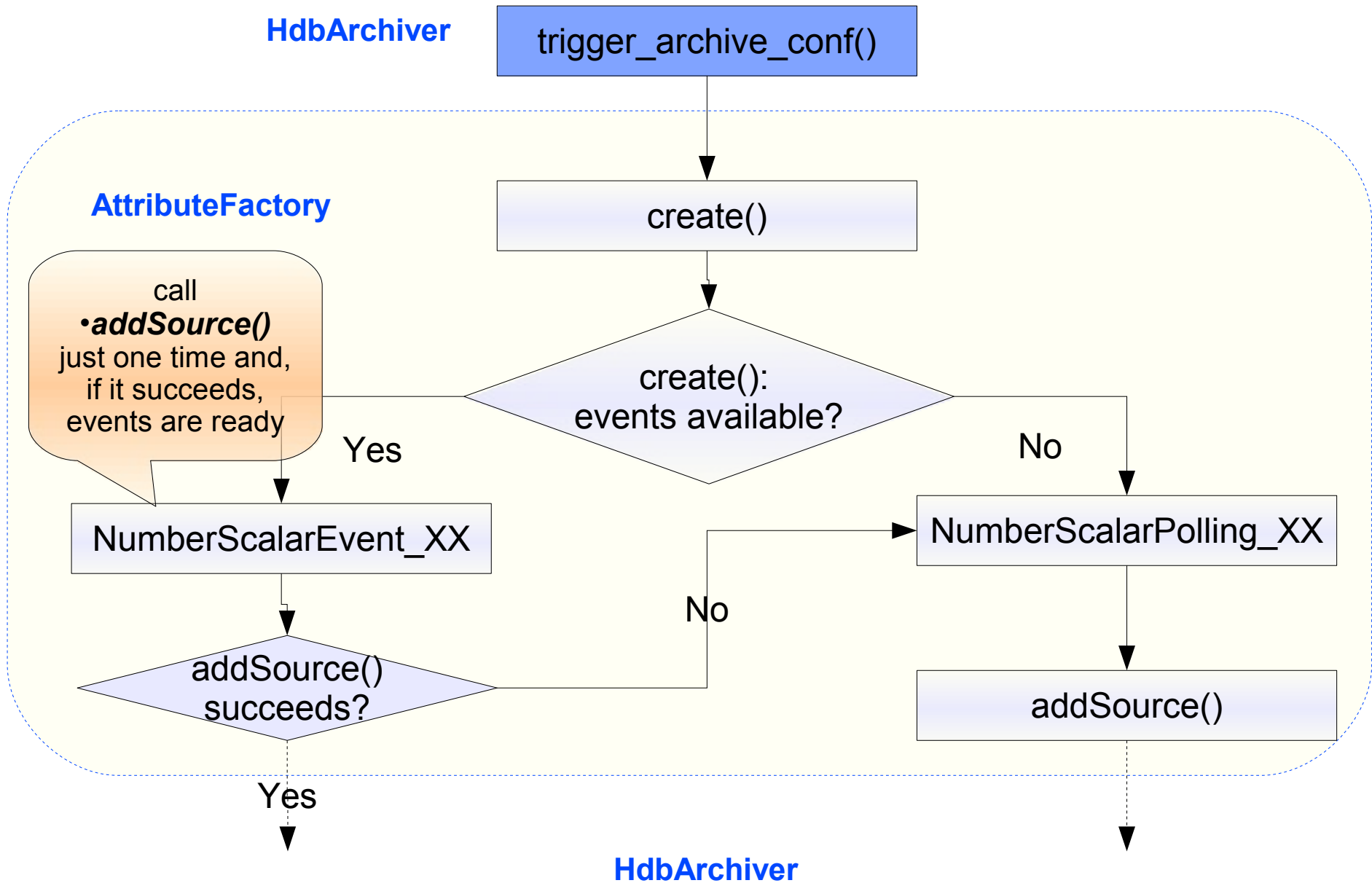
Polling and event handling are now separate (NumberScalar example)



Hdb: code refactoring (II)



Hdb: code refactoring (III)



Hdb: future



- How to synchronize the new source code on *cvs* and continue **collaborating** profitably;
- *elettra* would need **command archiving** too...
- when an *attribute* is not available at a certain instant, it would be useful if the *collector* tried to reconnect automatically;
- at the moment, no **indexes** are created on each table, in particular on the tables *att_xxx* of the archiver. An experiment at Elettra showed a speed improvement of 98% on a *SELECT* query.

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