

“living” database

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speaking of
streaming, reactive,
realtime, near time,
near realtime etc.

here is how all things are
supposed to look in the
reactive context



here is how current
database access methods
look in the reactive context



here is how current
databases look in the
reactive context



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it's time to
rethink databases

“living” database

some of the ideas are
partially implemented
in CEP, NoSQL, classic
DBMS, Rx etc.,
but not as a whole

storage is an aspect

storage is raw

everything is
ordered by time

everything is on channels

queries are continuous

views are materialised
and continuous

results are published

results are limited,
timed-out or ignored
by consumer

database quantifies harvest

changes are published
both ways

everybody fires and forgets,
but gets reminded
when things go wrong

consumers react

it needs far more than
just support in
the database driver

it needs the database
to be an active part
of the overall data flow

“living” database