

Traditional Datalog:

LogicBox, IRIS, ... = model 1 or model 2 SQL recursive CTE = model 2

State-of-the-art Datalog:

DistributedSocialite (Stanford) [VLDB 2013] = model 4 + distributed
Async datalog (UW, Myria) [VLDB 2015] = model 4 + async execution
GLog (HongKong) [ICDE 2014] = model 3 + MapReduce
BigDatalog (UCLA) [SIGMOD 2016] = model 5 + Spark
Datalography (UCSD) [ICBD 2016] = model 3 + datalog + Giraph

Graph Processing:

GraphX, OptIQ, GraphChi, PowerGraph, PowerLyra··· = model 3 + sync GraphLab, Giraph++, GraphUC, GRACE = model 3 + async

Unknown:

BOOM (Berkley) [EuroSys 2010] = model 2 + MapReduce ? BLOOM (Berkley) [CIDR 2011] = ?