IBM于2012年某研讨会中做了题为“IBM使用模拟器的经验”的报告[16]，对于IBM如何在处理器设计过程中使用模拟器进行了介绍．

在处理器早期设计研究期间，IBM使用 Mambo[17]

模拟器的时钟精确模式进行微结构探索和粗粒度微

结构定义．Mambo模拟器对微结构主要模块和结构

进行了模拟，该阶段 Mambo由踪迹（trace）驱动，主

要运行和研究用户态应用，对处理器的产品竞争力

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