Context Subsystem / Shlaer-Mellor Metamodel Real State Name {I} State model {I} Domain {I} (See State subsystem) Single puts single **Assigner State** State {I, R2005} Rnum {I, R2005} Context {I, R2005} R2005 Domain {I, R52005} is current state of single assigner for Class **Domain** Context R2000 R2001 Name {I} Name {I} Name : Context Name {I} Domain {I} is populated by is a snapshot of snapshots Domain {I, R2000} (See Domain subsystem) (See Class Attribute subsystem) Class **Population** Context {I, R2001} Class {I, R2001} Domain {I, R2001] is defined by **Multiple Assigner State** Attribute Value Attribute {I, R2003} Instance {I, R2005} State {I, R2005} Class {I, R2003} R2002 Class {I, R2005} Domain {1, R2003} Context {I, R2005} Context {I, R2003} Domain {1, R52005} Value : Value Representation defines \forall Attribute Instance is current state of multiple assigner partitioned by Name {I} ID : Instance ID {I] Class {I} Context {I, R2002} R2006 R2003 Domain {I} has value supplies Class {I, R2002} supplied by Domain {I, R2002} (See Class Attribute subsystem) puts multiple assigner in $\stackrel{\textstyle \frown}{\Delta}$ is current for lifecycle of Real State Name {I} State model {I} Domain {I} R2004 lifecycle (See State subsystem) Lifecycle State Instance {I, R2004} State {I, R2004} Class {I, R2004} Context {I, R2004} Domain {I, R2004}

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