

## SOS UDMA – DM or ANY Design Flow

Design data generated by EDA tools such as schematic or layout editors are varied and complex. It is infeasible for design engineers to make sense of the vast number of tool generated design files to determine:

- Which files should be managed
- Which files should not be managed
- Which files belong together as a set to create a design object

To address this problem DM vendors offer custom data management adaptors for a limited number of popular IC flows such as Cadence Virtuoso. However, there are a large number of design tools which have no support for data management.

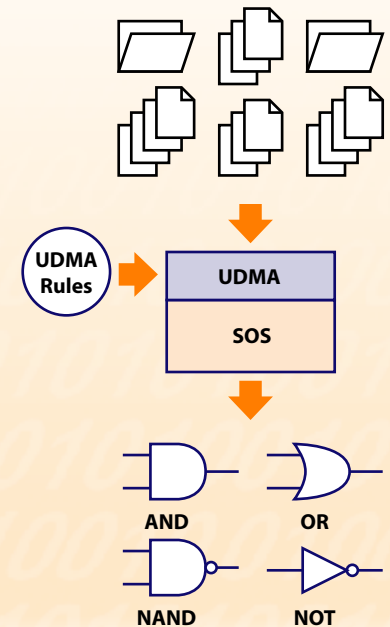
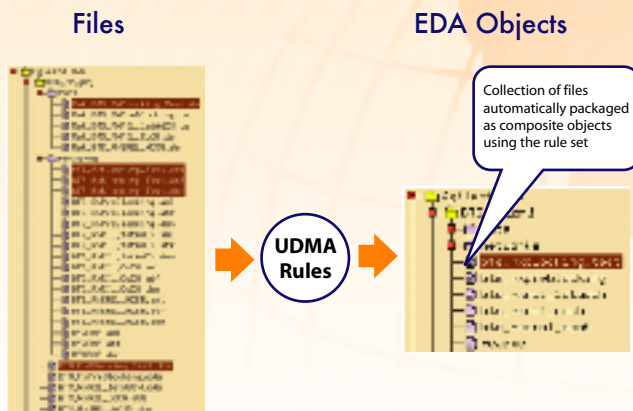
Universal DM Adaptor (UDMA) is a unique rule-based technology that allows the SOS administrator to quickly and easily define the relationship between design objects and the data files produced by the design tool. Using the specified UDMA rules, SOS automatically recognizes and packages co-managed file-sets into user-recognizable composite design objects.

This SOS technology allows designers to manage and version control design data from practically any design tool, at abstraction levels that designers use (such as libraries, cells and views) while eliminating the tedium of sorting through a complex set of tool generated files.

UDMA “future proofs” a design team’s data management needs by providing an easily configurable solution for any design tools that the team may adopt.

Some examples of flows that UDMA can support:

- Mentor DxDesigner
- Agilent ADS
- Any Open Access compliant flow



*“The Universal Data Management Adaptor looks very promising as a way to manage our Agilent ADS data for upcoming projects.”*

**Tuan Nguyen, VP of Engineering, Amalfi Semiconductor**

*“We look forward to exploring the potential to bring more of our design data under SOS control via the Universal DM Adaptor technology.”*

**Dave Brown, VP, Central Engineering, Tektronix**