

1. Usage

A macro component is an aggregation of components put together in order to create a new one. This type of definition is base for hierarchical platforms definitions.

Usage

Let's start with an example defining a cluster for a clustered SoC:

Once declared, we may instanciate a cluster with this line: The declared macro component exports some variables, they will probably be usefull for later use:

- `cluster.interconnect` The interconnect
- `cluster.cpu` A list of the cpus in this cluster
- `cluster.cram` A list of the cached rams in this cluster
- `cluster.uram` A list of the uncached rams in this cluster
- `cluster.lock` The RamLocks component instanciated in this cluster