## 1. Usage

A macro component is an agregation 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 useful 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

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