

Standard usage

When using a VCI-compliant component, you must define explicitly VCI parameters:

```
Uses('vci_multi_ram',
    cell_size = 4,
    plen_size = 1,
    addr_size = 32,
    rerror_size = 1,
    clen_size = 1,
    rflag_size = 1,
    srcid_size = 8,
    pktid_size = 1,
    trdid_size = 1,
    wrplen_size = 1 )
```

When repeated for all components, this can be redundant and error prone (not even speaking of readability):

```
todo = Platform(
    Uses('vci_multi_ram', cell_size = 4, plen_size = 1, addr_size = 32, rerror_size = 1,
        clen_size = 1, rflag_size = 1, srcid_size = 8, pktid_size = 1, trdid_size = 1,
        wrplen_size = 1 ),
    Uses('vci_vgmn', cell_size = 4, plen_size = 1, addr_size = 32, rerror_size = 1,
        clen_size = 1, rflag_size = 1, srcid_size = 8, pktid_size = 1, trdid_size = 1,
        wrplen_size = 1 ),
    Uses('vci_xcache', cell_size = 4, plen_size = 1, addr_size = 32, rerror_size = 1,
        clen_size = 1, rflag_size = 1, srcid_size = 8, pktid_size = 1, trdid_size = 1,
        wrplen_size = 1 ),
    Uses('vci_timer', cell_size = 4, plen_size = 1, addr_size = 32, rerror_size = 1,
        clen_size = 1, rflag_size = 1, srcid_size = 8, pktid_size = 1, trdid_size = 1,
        wrplen_size = 1 ),
    Uses('mips'),
)
```

So you may factor out common parameters putting them at the end:

```
todo = Platform('caba', 'top.cpp',
    uses = [
        Uses('iss_wrapper', iss_t = 'common:mipsel'),
        Uses('vci_framebuffer'),
        Uses('vci_dma'),
        Uses('vci_ram'),
        Uses('vci_multi_tty'),
        Uses('vci_timer'),
        Uses('vci_vgmn'),
        Uses('vci_xcache'),
    ],
    cell_size = 4,
    plen_size = 1,
    addr_size = 32,
    rerror_size = 1,
    clen_size = 1,
    rflag_size = 1,
    srcid_size = 8,
    pktid_size = 1,
    trdid_size = 1,
    wrplen_size = 1
)
```