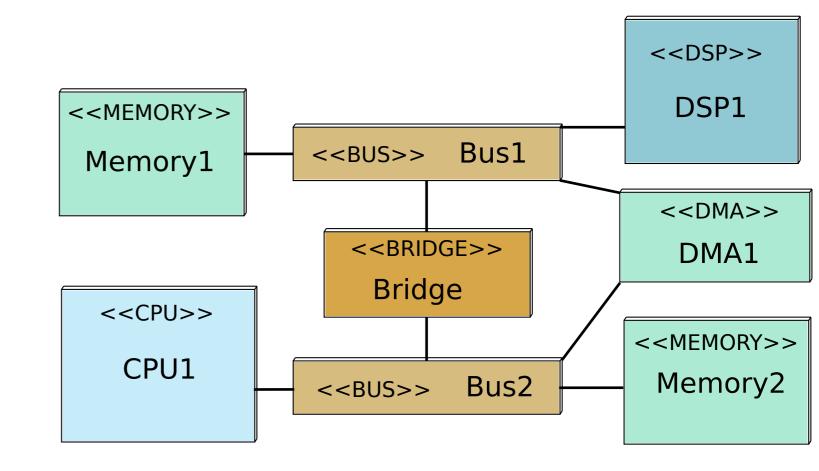
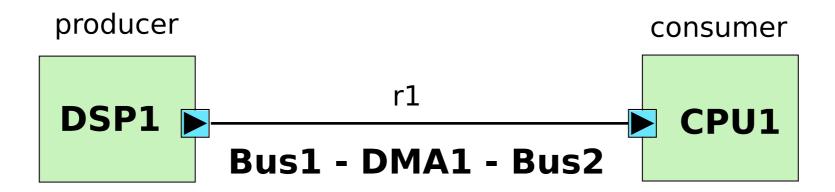


(1) application model



(2) architecture model



(3) mapping model