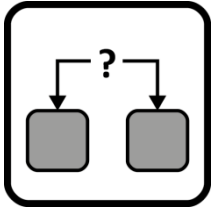# Loose Coupling

A broker encapsulates concerns of communication partner location, implementation platform, time of communication, and data format.

How can dependencies between distributed applications and between individual components of these applications be reduced?

Broker

Platform Autonomy: accesses from different programming languages

Reference Autonomy: routing between different locations

Time Autonomy: communication at different speed and time

Format Autonomy: transformation of different data formats