

Monikers: Persistent C	Objects
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Step	Performer	Description
1	Client	Calls BindMoniker at moniker
2	Moniker	Looks up associated CLSID and instructs SCM to create object
3	SCM	Loads class object
4	Class object	Creates object and returns interface pointer to moniker
5	Moniker	Instructs object to load previously stored state
6	Object	Loads its state from file
7	Moniker	Returns interface pointer of object to client

• By default, DCOM objects are transient

Persistent objects implemented using monikers (reference stored on disk)
Has all information to recreate the object at a later time

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Lecture 25, page 9

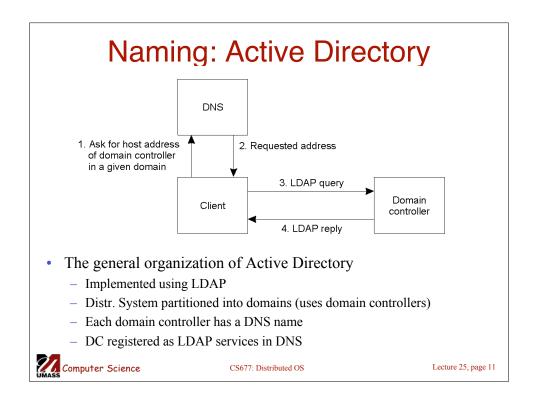
	Monikers (2)
Moniker type	Description
File moniker	Reference to an object constructed from a file
URL moniker	Reference to an object constructed from a URL
Class moniker	Reference to a class object
Composite moniker	Reference to a composition of monikers
Item moniker	Reference to a moniker in a composition
Pointer moniker	Reference to an object in a remote process

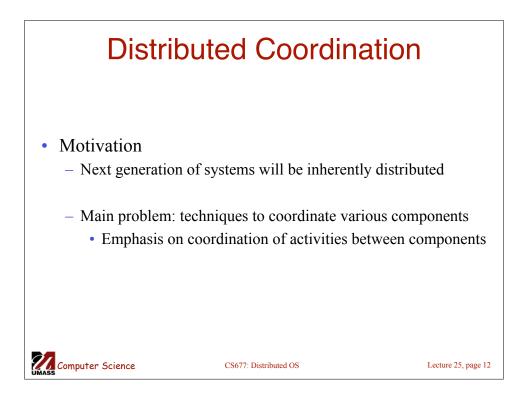
• DCOM-defined moniker types.

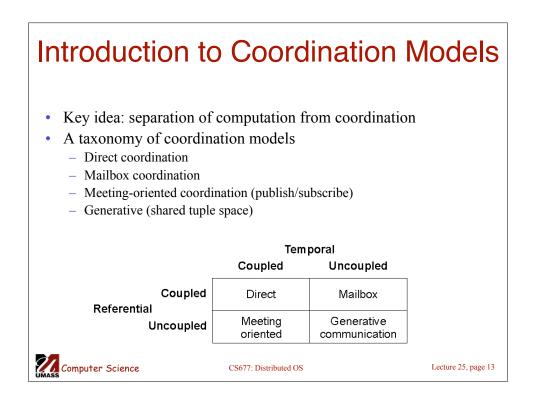
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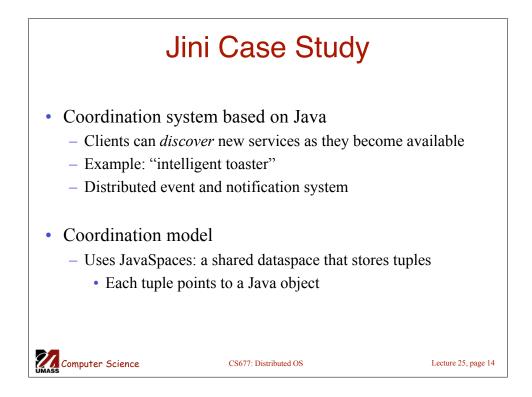
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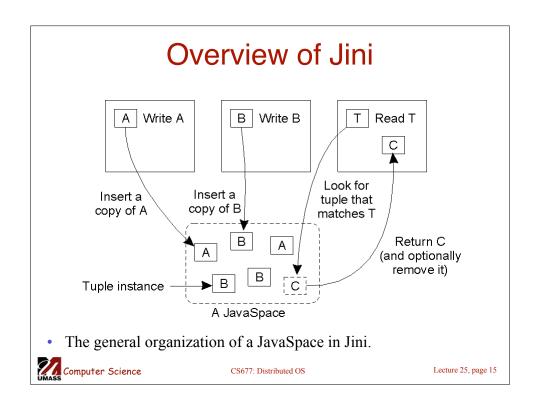
Lecture 25, page 10

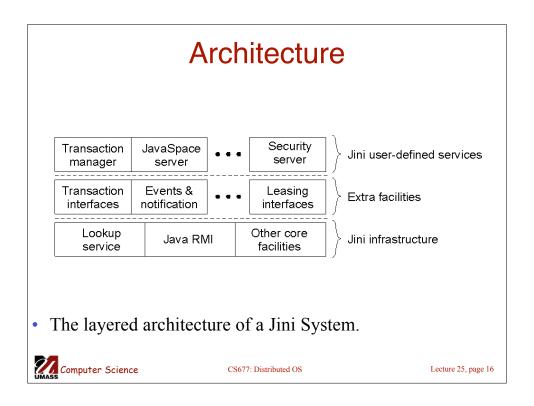


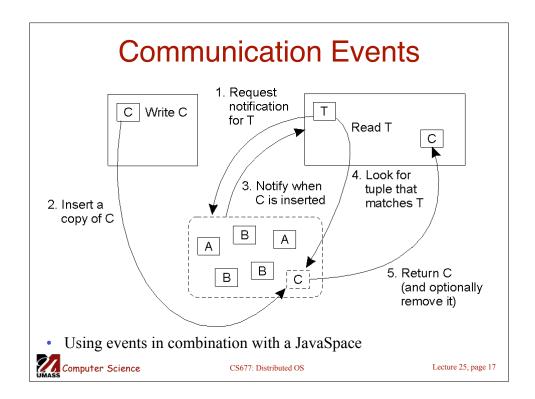


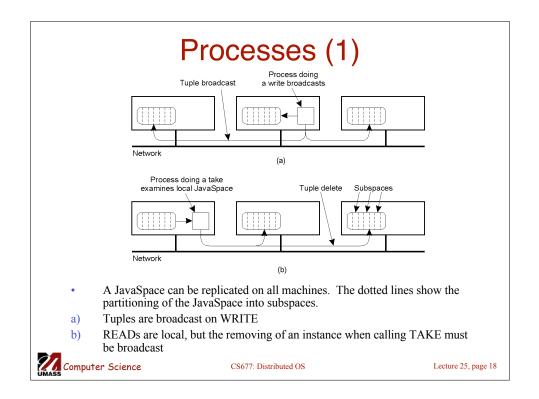


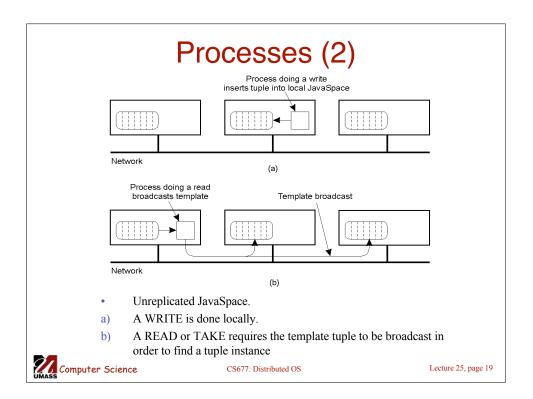












The Jini Lookup Service (1)

Field	Description
ServiceID	The identifier of the service associated with this item.
Service	A (possibly remote) reference to the object implementing the service.
AttributeSets	A set of tuples describing the service.

• The organization of a service item.

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Lecture 25, page 20

The Jini Lookup Service (2)

Tuple Type	Attributes
ServiceInfo	Name, manufacturer, vendor, version, model, serial number
Location	Floor, room, building
Address	Street, organization, organizational unit, locality, state or province, postal code, country

• Examples of predefined tuples for service items.

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Lecture 25, page 21