Developing with OdysseusNet

(currently work-in-progress)

Network of
OdysseusNodes

Discoverer

`IOdysseusNodeDiscoverer`

discovered nodes

Node
Management

`IOdysseusNodeManager`

invokes

Connection
Selection

`IOdysseusNodeConnectionSelector`

asks

*selected nodes
to connect to*

Node
Connector

`IOdysseusNodeConnector`

connected nodes

Connection
Management

`IOdysseusNodeConnectionManager`

invokes

uses

Node
Communication

`IOdysseusNodeCommunicator`

uses

Update
Mechanisms

`IOdysseusNodeUpdater`

Resource
Usage

`IOdysseusNodeResourceUsageManager`

Logging

Ping

`IPingMap`

Query
Distribution

`IQueryDistributionPreProcessor`

`IQueryDistributionPostProcessor`

`IQueryPartitioner`

`IQueryPartModificator`

`IQueryPartAllocator`

Distributed Data
Management

`IDistributedDataManager`

uses

Data Source
Distribution

`DistributedDataSourceManager`

RCP

Console

`OdysseusNetConsole`

Startup

`IOdysseusNetStartup`

Other

Network discovery
and node connection

Use of OdysseusNodes