bok.labexercise4.AbstractServer

ALL → ◇— ⋯→ ⋯→ →▷ ⋯▷

- ▫ ServerSocket Listener
- ▫ InetSocketAddress localisa
- ▫ boolean printServerResults
- ● LinkedList<InetSocketAddress> LocalEndpoints
- △ boolean abort
- △ S ExecutorService exeservice

- ● C AbstractServer(int port)
- ● C AbstractServer()
- 🔒 void initServer(int port)
- ● void run()
- ● void abort()
- △ A void ExecuteAndSend(Object command)
- △ void HandleConnection(Socket client)
- ● InetSocketAddress getIP()
- ● void printServerResults(boolean flag)
- ● boolean printServerResults()

bok.labexercise4.IPhonebookServer

ALL → ◇— ⋯→ ⋯→ →▷ ⋯▷

- ● ServerResult addConnectionPoint(ServerCommand command)
- ● Object removeConnectionPoints(ServerCommand command)

bok.labexercise4.PhonebookServer

ALL → ◇— ⋯→ ⋯→ →▷ ⋯▷

- ▫ Set<InetSocketAddress> cPoints
- ▫ IPhonebook phonebook

- ● C PhonebookServer(int port)
- ● C PhonebookServer()
- ● SynchronizeStatus synchronize(SynchronizeCommand command)
- ● ServerResult addConnectionPoint(ServerCommand command)
- ● Object removeConnectionPoints(ServerCommand command)
- ● ServerResult broadcast(ICommand command)
- △ void ExecuteAndSend(ServerCommand command)
- ● Set<InetSocketAddress> getConnectionPoints()
- △ void ExecuteAndSend(Object command)
- △ void ExecuteAndSend(ServerResult result)
- △ void ExecuteAndSend(ReplicateCommand command)
- △ void ExecuteAndSend(Command command)
- △ void ExecuteAndSend(SynchronizeCommand command)
- ● IPhonebook getPhoneBook()

bok.labexercise4.IPhonebook

ALL → ◇— ⋯→ ⋯→ →▷ ⋯▷

- ● AddResult AddContact(Contact contact)
- ● UpdateResult Update(String name, String newPhoneNo)
- ● String Lookup(String name)
- ● List<Contact> GetAllContacts()
- ● boolean Remove(String name)
- ● void Synchronize(List<Contact> contacts)

bok.labexercise4.Phonebook

ALL → ◇— ⋯→ ⋯→ →▷ ⋯▷

- ▫ Map<String,String> NameTable

- ● C Phonebook()
- ● AddResult AddContact(Contact contact)
- ● UpdateResult Update(String name, String newPhoneNo)
- ● String Lookup(String name)

bok.labexercise4.RemotePho

ALL → ◇— ⋯→ ⋯→ —▷

- ▫ InetSocketAddress Server

- ● C RemotePhonebook(InetSocketAddress
- △ Object SendAndReceive(Command co
- ● AddResult AddContact(Contact contac

bok.labexercise4.RemotePhoneb...

ALL → ◇— ···→ ···→ —▷

- ▫ InetSocketAddress Server
- ● ᶜ RemotePhonebookServer(InetSocketAddress se...
- ▲ Object SendAndReceive(ServerCommand comm...
- ● ServerResult addConnectionPoint(InetSocketAd...
- ● ServerResult addConnectionPoint(ServerComma...
- ● ServerResult removeConnectionPoints(InetSock...
- ● ServerResult removeConnectionPoints(ServerC...

bok.labexercise4.ServerInt...

ALL → ◇— ···→ ···→ —

- ▫ RemotePhonebookServer server
- ● ᶜ ServerInterface(RemotePhonebookServ...
- ▲ void JoinCommand(BufferedReader bisn...
- ▲ void RemoveCommand(BufferedReader...
- ▲ ˢ InetSocketAddress GetIP(BufferedRead...

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boolean Remove(String name)

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