

- Запустити три екземпляра **logging-service** (локально їх можна запустити на різних портах), відповідно мають запуститись також три екземпляра Hazelcast. Через HTTP POST записати 10 повідомлень *msg1-msg10* через **facade-service**

```

Logging
info: Microsoft.Hosting.Lifetime[0]
      Now listening on: http://localhost:5004
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Development
info: Microsoft.Hosting.Lifetime[0]
      Content root path: D:\Навчання\Розподілені системи\LAB2\WebUI\Logging
info: [0]
      Id: b719da44-dba5-4e20-b6b6-87de29ee66fd]
info: [0]
      Id: mes2]
info: [0]
      Id: b5ff756a-eb0b-451e-a1ee-7346e3bec9ce]
info: [0]
      Id: mes3]

```

```

st:5005
info: Microsoft.Hosting.Lifetime[0]
      Now listening on: http://localhost:5005
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Development
info: Microsoft.Hosting.Lifetime[0]
      Content root path: D:\Навчання\Розподілені системи\LAB2\WebUI\Logging
info: [0]
      Id: df904ec6-037c-4a25-be01-247063387acc]
info: [0]
      Id: mes1]
info: [0]
      Id: 5ee72f70-878b-4b58-ae21-23ceb18baed7]
info: [0]
      Id: mes4]
info: [0]
      Id: c52f8891-12ff-4598-a37c-adcfb88b18ff]
info: [0]
      Id: mes5]
info: [0]
      Id: bc0913e1-b9f6-4b3f-940f-948214a59013]
info: [0]
      Id: mes6]
info: [0]
      Id: 868412a6-2913-4597-86d0-5d11c394d65f]
info: [0]
      Id: mes7]
info: [0]
      Id: c55cbb29-8e9d-43ae-a0ae-8f7a744dfe35]
info: [0]

```

```

info: Microsoft.Hosting.Lifetime[0]
      Now listening on: http://localhost:5006
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Development
info: Microsoft.Hosting.Lifetime[0]
      Content root path: D:\Навчання\Розподілені системи\LAB2\WebUI\Logging
info: [0]
      Id: ef815fce-4605-4df7-861f-4c518c5864ca]
info: [0]
      Id: mes8]
info: [0]
      Id: 7d6cb6d1-dde2-469d-93a2-7fd5943ed84e]
info: [0]
      Id: mes10]

```

- Через HTTP GET з **facade-service** прочитати повідомлення

http://localhost:5001/facade/get

GET

▼

http://localhost:5001/facade/get

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE
Key	Value

A screenshot of the Chrome DevTools Network tab. The 'Body' tab is selected, showing a JSON array of strings. The last element, 'mes1mes3mes8mes7mes2mes6mes4mes5mes9mes10NotImplementedException', is highlighted in red. The interface includes tabs for 'Body', 'Cookies', 'Headers', 'Test Results', and 'Visualize', along with a 'JSON' dropdown and a menu icon.

Відключено 2 ноди

http://localhost:5001/facade/get

Save

GET

http://localhost:5001/facade/get

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

KEY	VALUE	DESCRIPTION		Bulk Edit
Key	Value	Description		

Body

Cookies

Headers (4)

Test Results

Status: 500 Internal Server Error

Time: 12.38 s

Size: 2.88 KB

Save Response

Pretty

Raw

Preview

Visualize

Text

```

1 {
  "type": "System.Reflection.TargetInvocationException",
  "message": "Exception has been thrown by the target of an invocation.",
  "source": "System.Private.CoreLib",
  "stackTrace": "
    at System.RuntimeMethodHandle.InvokeMethod(Object target, Object[] arguments, Signature sig, Boolean constructor, Boolean wrapExceptions)\r\n
    at System.Reflection.RuntimeMethodInfo.Invoke(Object obj, BindingFlags invokeAttr, Binder binder, Object[] parameters, CultureInfo culture)\r\n
    at System.Reflection.MethodBase.Invoke(Object obj, Object[] parameters)\r\n
    at Shed.CoreKit.WebApi.ApplicationBuilderExt.<>c__DisplayClass0_1'1.<<UseWebApiEndpoint>b__0>d.MoveNext()\r\n
    at System.AggregateException"
  "message": "One or more errors occurred. (No connection could be made because the target machine actively refused it.)",
  "source": "System.Private.CoreLib",
  "stackTrace": "
    at System.Threading.Tasks.Task.ThrowIfExceptional(Boolean includeTaskCanceledExceptions)\r\n
    at System.Threading.Tasks.Task'1.GetResultCore(Boolean waitCompletionNotification)\r\n
    at System.Threading.Tasks.Task'1.get_Result()\r\n
    at Facade.FacadeImpl.Get()",
  "innerException": {
    "type": "System.Net.Http.HttpRequestException",
    "message": "No connection could be made because the target machine actively refused it."
  }
}

```

У випадку коли випадковий **logging-service** потрапляє на запущений

GET

⌵

http://localhost:5001/facade/get

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

Query Params

	KEY	VALUE
	Key	Value

Body

Cookies

Headers (5)

Test Results

Pretty

Raw

Preview

Visualize

JSON ⌵

1

"mes1mes9mes6mes4mes10mes3mes5mes8mes7mes2NotImplementedException"

У випадку відключення 1 сервісу потрапляння у існуючий буде частіше