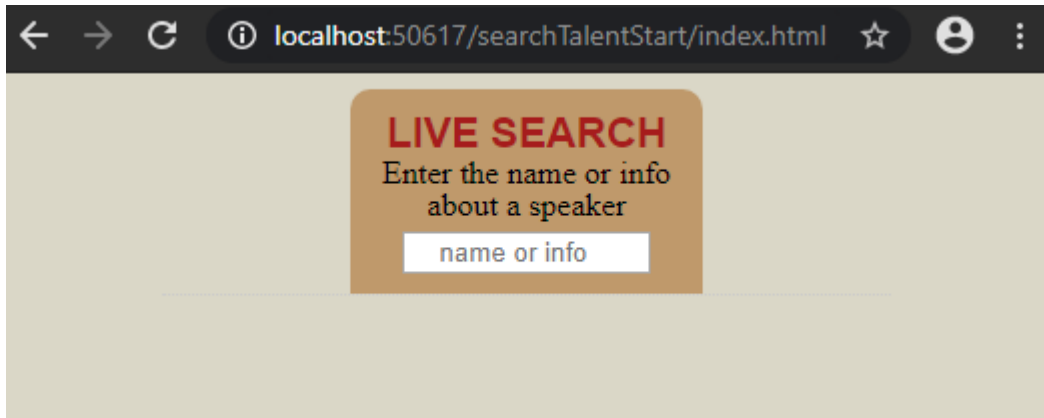


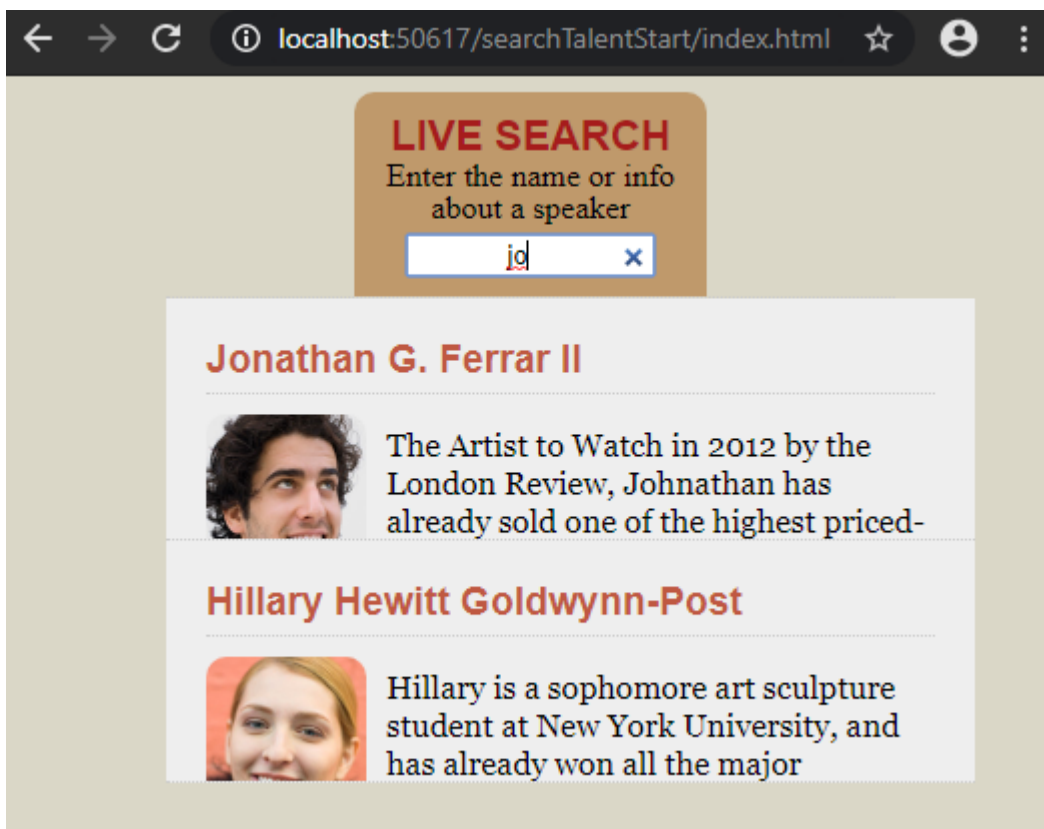
Task 5

Browser

Debug run the application and you will see the following page on load.




You can search by typing the name.



In the case of error, client will reconnect and prompt to check.

LIVE SEARCH
Enter the name or info about a speaker

Retrieving TalentsRepository Cloud...

Failed to establish API connection. Reconnecting...
(Please check your network connection and urlForJson in script.js)

API Call: /api/talets

Using the browser console, we can see that https is used for data in transit.

Status	Method	Domain	File	Cause	Type	Transferred	Size
302	GET	localhost:50617	talents	xhr	json	2.53 KB	2.09 KB
200	OPTIONS	localhost:44357	talents	xhr	plain	458 B	0 B
200	GET	localhost:44357	talents	xhr	json	2.54 KB	2.09 KB

3 requests

4.17 KB / 5.51 KB transferred

Finish: 14 ms

Headers

Cookies

Params

Response

Timings

Stack Trace

Request URL: http://localhost:50617/api/talents

Request Method: GET

Remote Address: [::1]:50617

Status Code: 302 Found

Version: HTTP/1.1

Referrer Policy: no-referrer-when-downgrade

Edit and Resend

Status	Method	Domain	File	Cause	Type	Transferred	Size
302	GET	localhost:50617	talents	xhr	json	2.53 KB	2.09 KB
200	OPTIONS	localhost:44357	talents	xhr	plain	458 B	0 B
200	GET	localhost:44357	talents	xhr	json	2.54 KB	2.09 KB

3 requests

4.17 KB / 5.51 KB transferred

Finish: 14 ms

Headers

Cookies

Params

Response

Timings

Stack Trace

Security

Request URL: https://localhost:44357/api/talents

Request Method: GET

Remote Address: [::1]:44357

Status Code: 200 OK

Version: HTTP/2

Referrer Policy: no-referrer-when-downgrade

Edit and Resend

Filter Headers

Response Headers (460 B)

Raw Headers

Request Headers (386 B)

Raw Headers

Accept: */*

Accept-Encoding: gzip, deflate, br

Accept-Language: en-US,en;q=0.5

Connection: keep-alive

DNT: 1

Host: localhost:44357

Origin: http://localhost:50617

Referer: http://localhost:50617/searchTalentStart/index.html

TE: Trailers

User-Agent: Mozilla/5.0 (Windows NT 10.0; ...) Gecko/20100101 Firefox/72.0

X-Requested-With: XMLHttpRequest

Fiddler (Postman)

Localhost:

<http://localhost:50617/>

<https://localhost:44357/>

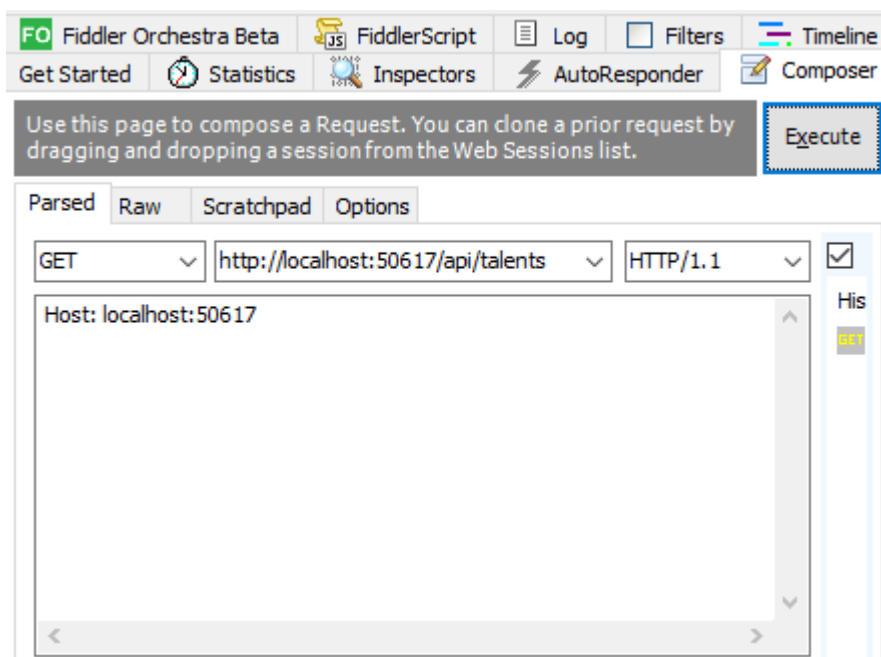
APIs:

Type	API Route
GET	api/talents
GET	api/talents/{id}

GET: api/talents

Link: <http://localhost:50617/api/talents>

Get all talents using http will result a redirect to https



Progress Telerik Fiddler Web Debugger

File Edit Rules Tools View Help

#	Result	Protocol	Host	URL	Content-Type
1	302	HTTP	localhost:50617	/api/talents	text/html; charset=utf-8
2	200	HTTPS	localhost:44357	/api/talents	application/json; charset=utf-8

1. Header shows transport to <https://localhost:44357> with response 302 Found.

1 302 HTTP localhost:50617 /api/talents text/html; charset=utf-8

The screenshot shows the Fiddler Orchestra Beta interface. The top toolbar includes buttons for FiddlerScript, Log, Filters, Timeline, Get Started, Statistics, Inspectors, AutoResponder, and Composer. Below the toolbar are tabs for Headers, TextView, SyntaxView, WebForms, HexView, and Auth. The Headers tab is active, showing the Request Headers section with a GET /api/talents HTTP/1.1 request. The Transport section shows Host: localhost:50617. Below this is another set of tabs for Transformer, Headers, TextView, SyntaxView, ImageView, HexView, WebView, Auth, Caching, Cookies, Raw, JSON, and XML. The Headers tab is active, showing the Response Headers section with an HTTP/1.1 302 Found response. The Cache section shows Cache-Control: no-cache, Date: Sat, 04 Jan 2020 12:02:26 GMT, Expires: -1, and Pragma: no-cache. The Entity section shows Content-Length: 32 and Content-Type: text/html; charset=utf-8. The Miscellaneous section shows Server: Microsoft-IIS/10.0, X-AspNet-Version: 4.0.30319, X-Powered-By: ASP.NET, and X-SourceFiles: =?UTF-8?B?QzpcVXNlcncQWRtaW5cRG9jdW1lbnRzXEEdpdEh1YlxDU0U=. The Transport section shows Location: https://localhost:44357/api/talents. Below this is another set of tabs for Transformer, Headers, TextView, SyntaxView, ImageView, HexView, WebView, Auth, Caching, Cookies, Raw, JSON, and XML. The TextView tab is active, showing the response body: <p>Use https instead of http</p>

Request Headers [Raw] [Header Definitions]

GET /api/talents HTTP/1.1

Transport

Host: localhost:50617

Response Headers [Raw] [Header Definitions]

HTTP/1.1 302 Found

Cache

Cache-Control: no-cache
Date: Sat, 04 Jan 2020 12:02:26 GMT
Expires: -1
Pragma: no-cache

Entity

Content-Length: 32
Content-Type: text/html; charset=utf-8

Miscellaneous

Server: Microsoft-IIS/10.0
X-AspNet-Version: 4.0.30319
X-Powered-By: ASP.NET
X-SourceFiles: =?UTF-8?B?QzpcVXNlcncQWRtaW5cRG9jdW1lbnRzXEEdpdEh1YlxDU0U=

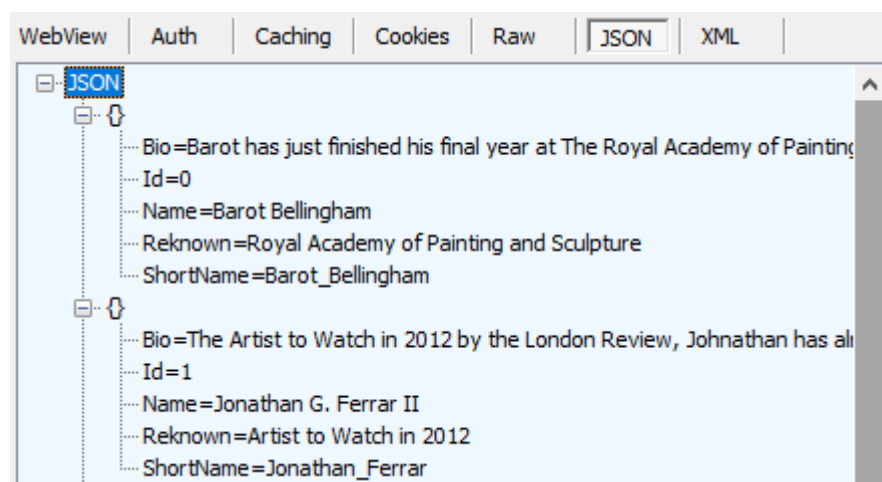
Transport

Location: <https://localhost:44357/api/talents>

TextView

<p>Use https instead of http</p>

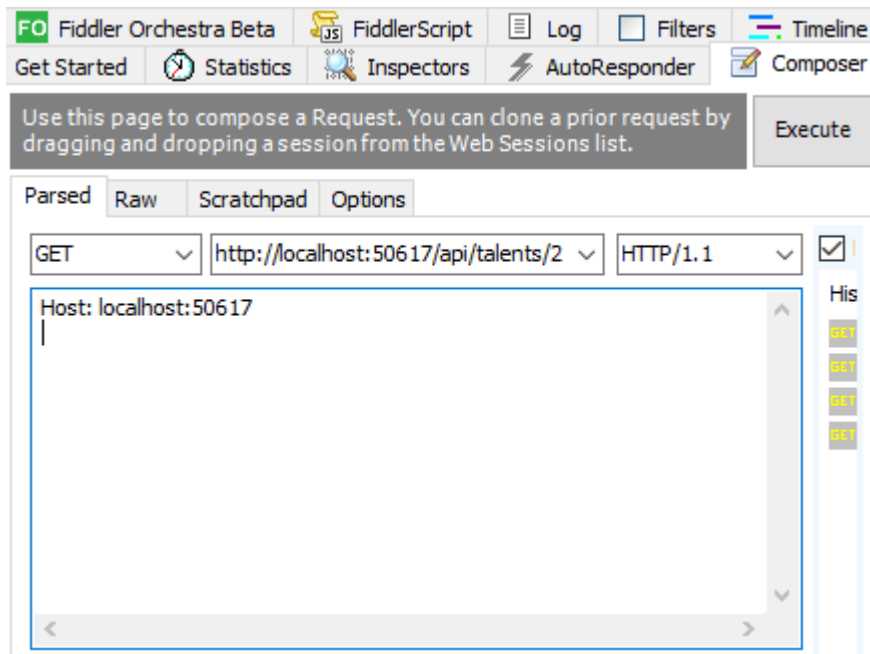
```
127.0.0.1:2000 HTTPS localhost:44357 /api/talents application/json; charset=utf-8
```



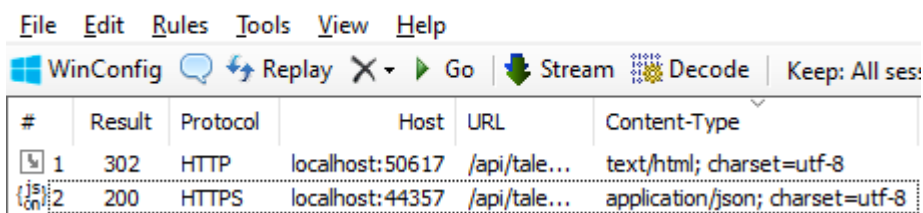
GET: api/talents/{id}

Link: <http://localhost:50617/api/talents/2>

Get talent using http will result a redirect to https. (Available Id between 0 to 3)



Progress Telerik Fiddler Web Debugger



1. Header shows transport to <https://localhost:44357> with response 302 Found.

1 302 HTTP localhost:50617 /api/talents/2 text/html; charset=utf-8

The screenshot displays the Fiddler Orchestra Beta interface. The top toolbar includes buttons for 'Get Started', 'Statistics', 'Inspectors', 'AutoResponder', and 'Composer'. The 'Inspectors' tab is active, showing the 'Request Headers' section with the text 'GET /api/talents/2 HTTP/1.1'. Below this, the 'Transport' section shows 'Host: localhost:50617'. The 'Response Headers' section shows 'HTTP/1.1 302 Found'. The 'Cache' section lists 'Cache-Control: no-cache', 'Date: Sat, 04 Jan 2020 13:42:09 GMT', 'Expires: -1', and 'Pragma: no-cache'. The 'Entity' section lists 'Content-Length: 32' and 'Content-Type: text/html; charset=utf-8'. The 'Miscellaneous' section lists 'Server: Microsoft-IIS/10.0', 'X-AspNet-Version: 4.0.30319', 'X-Powered-By: ASP.NET', and 'X-SourceFiles: =?UTF-8?B?QzpcVXNlcnNcQWRtaW5cRG9jdW1lbnRzXEdpdEh1YlxDU0N'. The 'Transport' section shows 'Location: https://localhost:44357/api/talents/2'. The bottom toolbar includes buttons for 'Transformer', 'Headers', 'TextView', 'SyntaxView', 'ImageView', 'HexView', 'WebView', 'Auth', 'Caching', 'Cookies', 'Raw', 'JSON', and 'XML'. The 'TextView' tab is active, showing the text '<p>Use https instead of http</p>'. The interface is styled with a light blue background and a white border.

2. JSON can be view using <https://localhost:44357> with response 200 OK.

12/20 200 HTTPS localhost:44357 /api/talents/2 application/json; charset=utf-8

The screenshot displays the Fiddler Orchestra Beta interface. The top toolbar includes buttons for 'Get Started', 'Statistics', 'Inspectors', 'AutoResponder', and 'Composer'. Below the toolbar, the 'Inspectors' tab is active, showing the 'Request Headers' section with a 'GET /api/talents/2 HTTP/1.1' request. The 'Transport' section indicates the host is 'localhost:44357'. The 'Response Headers' section shows an 'HTTP/1.1 200 OK' response. The 'Cache' section lists headers: 'Cache-Control: no-cache', 'Date: Sat, 04 Jan 2020 13:42:09 GMT', 'Expires: -1', and 'Pragma: no-cache'. The 'Entity' section shows 'Content-Length: 492' and 'Content-Type: application/json; charset=utf-8'. The 'Miscellaneous' section lists server information: 'Server: Microsoft-IIS/10.0', 'X-AspNet-Version: 4.0.30319', 'X-Powered-By: ASP.NET', and 'X-SourceFiles: =?UTF-8?B?QzpcVXNlcnNcQWRtaW5cRG9jdW1lbnRzXEdpdEh1YlxDU0N'. The 'JSON' tab is selected, showing the response body as a JSON object: { 'Bio': 'Hillary is a sophomore art sculpture student at New York University, and has', 'Id': 2, 'Name': 'Hillary Hewitt Goldwynn-Post', 'Reknown': 'New York University', 'ShortName': 'Hillary_Goldwynn' }.

Request Headers [Raw] [Header Definitions]
GET /api/talents/2 HTTP/1.1

Transport
Host: localhost:44357

Response Headers [Raw] [Header Definitions]
HTTP/1.1 200 OK

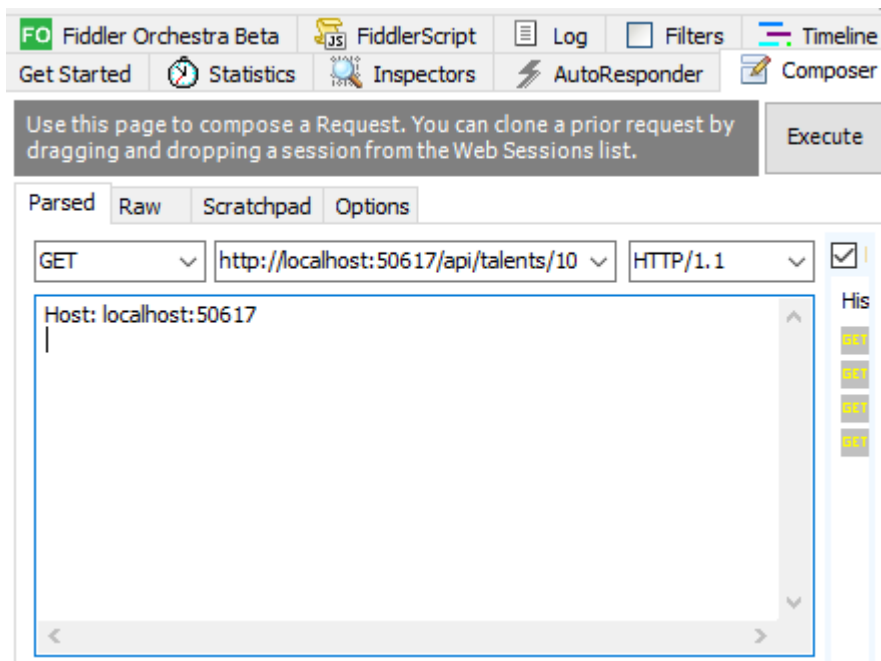
Cache
Cache-Control: no-cache
Date: Sat, 04 Jan 2020 13:42:09 GMT
Expires: -1
Pragma: no-cache

Entity
Content-Length: 492
Content-Type: application/json; charset=utf-8

Miscellaneous
Server: Microsoft-IIS/10.0
X-AspNet-Version: 4.0.30319
X-Powered-By: ASP.NET
X-SourceFiles: =?UTF-8?B?QzpcVXNlcnNcQWRtaW5cRG9jdW1lbnRzXEdpdEh1YlxDU0N

JSON
{
 "Bio": "Hillary is a sophomore art sculpture student at New York University, and has",
 "Id": 2,
 "Name": "Hillary Hewitt Goldwynn-Post",
 "Reknown": "New York University",
 "ShortName": "Hillary_Goldwynn"
}

Entering invalid Talent id will still redirect to https but with 400 Bad Request.



Progress Telerik Fiddler Web Debugger

File Edit Rules Tools View Help					
WinConfig WinConfig Replay X Go Stream Decode Keep: All s					
#	Result	Protocol	Host	URL	Content-Type
1	302	HTTP	localhost:50617	/api/talents/10	text/html; charset=utf-8
2	400	HTTPS	localhost:44357	/api/talents/10	text/plain; charset=utf-8