

Firefox fails to parse large JSON data of a POST response, using AngularJS 1.6.
Firefox gives a JSON.parse error on the end of the data, but the JSON file is valid, the problem is the size of the JSON data (1.7GB with /t and 1.3GB without).

Let me know if you need more info: gustavomassa123@gmail.com

System info	
Operating System	Linux Mint 19.2 Cinnamon
Cinnamon Version	4.2.4
Linux Kernel	5.0.5-050005-generic
Processor	Intel® Core™ i7-8565U CPU @ 1.80GHz × 4
Memory	15.4 GiB
Hard Drives	1082.7 GB
Graphics Card	Intel Corporation Device 3ea0 (prog-if 00 [VGA controller])
<input type="button" value="Upload system information"/>	

Developer Tools - MONACO - https://localhost:8080/walloq/app/report/reportRegister

Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility

Filter URLs

Status	Method	Domain	File	Protocol	Sche...	Cause	Type	Transferred	Size	Start Time	End Time	Response Time
200	POST	localhost:4000	/	HTTP/2.0	https	xhr	json	249.66 MB	1.57 GB	14 ms	35 ms	35 ms
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...				41.31 s	0 min	0 min
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...				1.69 min	0 min	0 min
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...				2.69 min	0 min	0 min
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...				3.69 min	0 min	0 min
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...				4.78 min	0 min	0 min
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...				5.78 min	0 min	0 min

8 requests | 1.57 GB / 249.66 MB transferred | Finish: 5.78 min

Request headers (0.989 KB)

- Accept: application/json, text/plain, */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXLTJ5In0=
- Connection: keep-alive
- Content-Length: 34
- Content-Type: application/json
- Host: localhost:4000
- Origin: https://localhost:8080
- Referer: https://localhost:8080/
- TE: Trailers
- User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux...; Gecko/20100101 Firefox/70.0)

Response headers (237 B)

- access-control-allow-credentials: true
- access-control-allow-origin: *
- content-encoding: gzip
- content-type: application/json
- vary: X-HTTP-Method-Override, Accept-Encoding
- X-Filesize: 32
- x-powered-by: Express

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Response has been truncated

Response payload

```

{
  "ID": "5d151773b3ba36d8fda806",
  "ID": 1750,
  "PROCESS NUMBER": "EM1119173001750",
  "PRODUCT": {
    "ID": "2",
    "NAME": "Exportaço Marittima",
    "CODE": "EM"
  },
  "QUOTATION ALTERNATIVE": 1,
  "QUOTATION VERSION": 1,
  "QUOTATION OFFER": "RQ-30Y50N-2019-55Z/ATH-01",
  "QUOTATION NUMBER": "RQ-30Y50N-2019",
  "FORWARDED BY": {
    "ID": "1",
    "NAME": "Empresa"
  },
  "CUSTOMER": {
    "ID": "286",
    "NAME": "Bovson Safety Systems Brasil Ltda",
    "CODE": "59.106.245/0908.17"
  },
  "BRANCH": {
    "ID": "3",
    "NAME": "ALLOG IT3"
  },
  "INCOTERM": {
    "ID": "7",
    "NAME": "CFR"
  },
  "CARGO TYPE": {
    "ID": "3",
    "NAME": "FCL"
  },
  "PROCESS TYPE": {
    "ID": "1",
    "NAME": "Paodrão"
  },
  "SERVICE PROVIDER": {
    "ID": "237",
    "NAME": "HLCU"
  },
  "SERVICE": null,
  "VALIDITY OP": "2019-03-18T00:00:00.000Z",
  "VALIDITY UP": "2020-02-28T00:00:00.000Z",
  "SERVICE TYPE": {
    "ID": "4",
    "NAME": "Port to Port"
  },
  "PICKING": null,
  "RECEIPT": null,
  "ORIGIN": {
    "GROUP": {
      "ID": "14",
      "NAME": "Americas"
    },
    "TRADE": {
      "ID": "5",
      "NAME": "ECSA"
    },
    "COUNTRY": {
      "ID": "22",
      "NAME": "Brasil"
    },
    "LOCAL": {

```

This shows that the response data was cut.. Maybe the firefox internal buffer?

The screenshot displays the Chrome DevTools interface. The top panel shows the Network tab with a list of requests. A POST request to localhost:4000 is selected, showing a response size of 249.66 MB. The bottom panel shows the Console tab with a JSON parse error: "SyntaxError: 'JSON.parse: expected \',\' or \'}\' after property value in object at Line 1 column 1073518186 of the JSON data".

Network Panel:

Status	Method	Domain	File	Protocol	Sche...	Cause	Type	Transferred	Size	Start Time	End Time	Response Time
200	OPTI...	localhost:4000	1	HTTP/2.0	Htpps	xhr	plain	311 B	0 B	0 ms	11 ms	11 ms
200	POST	localhost:4000	1	HTTP/2.0	Htpps	xhr	json	249.66 MB	1.57 GB	14 ms	35 ms	35 ms
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...		41.31 s	0 min	0 min		
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...		1.69 min	0 min	0 min		
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...		2.69 min	0 min	0 min		
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...		3.69 min	0 min	0 min		
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...		4.78 min	0 min	0 min		
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...		5.78 min	0 min	0 min		
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...		6.78 min	0 min	0 min		
0	GET	localhost:2000	aut...	https	webs...	Blocked by Dev...		7.78 min	0 min	0 min		

Console Panel:

```
SyntaxError: 'JSON.parse: expected \',\' or \'}\' after property value in object at Line 1 column 1073518186 of the JSON data'
ReportDataRegisterController.ts:1225:40
```

Network Panel Response (JSON):

```
{
  "id": "1",
  "STATUS": {
    "ID": "99",
    "NAME": "Finaliza\u00e7\u00e3o",
    "CODE": null,
    "OPTIONAL": {
      "CODE": null
    }
  },
  "CURRENCY": null,
  "ESTIMATED": true,
  "TOTAL": 300.1,
  "GP_EFFECTIVE": {
    "STATUS": null,
    "CURRENCY": null,
    "ESTIMATE": false
  },
  "TOTAL": 0,
  "TEUS": 3,
  "CS_PROCESS_OWNER": {
    "ID": "7799308-6e7e-4250-b2a3-ac65467bf7c",
    "USER": {
      "EMAIL": "bruno.vescovi@allog.com.br",
      "NAME": "Bruno Vescovi",
      "PHOTO": "https://lh3.googleusercontent.com/a-/AAUe7"
    },
    "CELL": {
      "ID": "32",
      "NAME": "EM - Customer Service"
    },
    "ROLE": {
      "ID": 40,
      "NAME": "Clientes Beta"
    }
  },
  "RECEIPT_LOCAL": null,
  "ORIGIN_LOCAL": {
    "ID": "50",
    "NAME": "Santos",
    "CODE": "IBRSZ"
  },
  "DESTINATION_LOCAL": {
    "ID": "225",
    "NAME": "Alamira",
    "CODE": "MXATH"
  },
  "FINAL_DESTINATION_LOCAL": {
    "ID": "225",
    "NAME": "Alamira",
    "CODE": "MXATH"
  },
  "CHECK_VALUE": {
    "STATUS": null,
    "AUDIT_USER": null,
    "DATE": null
  },
  "BILLING_RELEASE": {
    "STATUS": null,
    "AUDIT_USER": null,
    "DATE": null
  },
  "CANCELLATION": {
    "STATUS": null,
    "CANCEL_USER": null
  }
}
```

This is the final of the JSON data, using jq: `cat file.json | jq '.'`

```
"CHR_VALIDITY_OF": "2019-02-20T00:00:00.000Z",
"CHR_VALIDITY_UP": "2019-03-31T00:00:00.000Z",
"CHR_SHOW_FOR_GROUP": [
  {
    "ID": "1",
    "NAME": "Cliente"
  }
],
"CHR_EQUIPMENT": null,
"CHR_INVOICE_NUMBER": {
  "ID": "376",
  "NAME": "040874/19",
  "optional": [
    "CODE"
  ]
},
"CHR_COMPOSITION_GROUP": null,
"CHR_OBSERVATION": "Taxa extra Agility\nAg. invoice 0034043280\nCharlene 28/3/19",
"CHR_HC2COD_CHARGE": null,
"CHR_CHARGE_ORIGIN": {
  "ID": "2",
  "NAME": "Origem"
}
},
{}
]
gustavomassa@gustavomassa-dev:~/Projects/Webbuffet$
```

This is the code used, Typescript + Angular 1.6, it works fine for small JSON data.

```
1198     requestParam['timeout'] = 180000;
1199     const $http: ng.IHttpService = this.$injector.get('$http');
1200     try {
1201         const downloadOperation = $http(
1202             {
1203                 method: 'POST',
1204                 url: `${this.reportDataGrid.$baseUrl}${downloadRoute}`,
1205                 data: JSON.stringify(requestParam),
1206                 transformRequest: angular.identity,
1207                 headers: { 'Content-Type': 'application/json' },
1208                 cache: true,
1209                 timeout: 180000,
1210                 withCredentials: false,
1211                 eventHandlers: {
1212                     timeout: (event: ProgressEvent | ErrorEvent) => {
1213                         console.log(event);
1214                     },
1215                     abort: (event: ProgressEvent | ErrorEvent) => {
1216                         console.log(event);
1217                     },
1218                     error: (event: ProgressEvent | ErrorEvent) => {
1219                         console.log(event);
1220                     },
1221                     loadstart: (event: ProgressEvent) => {
1222                         console.log(event);
1223                     },
1224                     progress: (event: ProgressEvent) => {
1225                         console.log(event);
1226                     },
1227                     load: (event: ProgressEvent) => {
1228                         console.log(event);
1229                     },
1230                     loadend: (event: ProgressEvent) => {
1231                         console.log(event);
1232                     }
1233                 }
1234             });
1235
1236         //exec operation
1237         const downloadResponse = await downloadOperation;
1238         //cancel timeout timer
1239         //this.$timeout.cancel(timeoutPromise);
1240
1241         const downloadData = <Array<any>>downloadResponse.data;
1242         console.log('download data length: ', downloadData.length);
1243     }
```