



LibertyData.net

Liberty Criminal API Usage Manual

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version 1.0

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XML API Usage Manual

Quick Guide to using the API:

1. Use simple HTTP Requests to invoke the API.
2. Set the HTTP Request Header: Content-Type = "text/xml"
3. Set the HTTP Request Header: X-LIBERTYCRIMINAL-API-CALL-NAME = "API CALL NAME"
4. Please note all call names and xml node names are case-sensitive.
5. Frame your Request XML String as per the syntax explained in this manual for each API Command.
6. Post the XML String to the URL: <http://www.libertydata.net/api/libertycriminal/api.asp>
7. Receive the server response and parse it.
8. The response contains a node called status which will be equal to "ok" in case of success and "fail" in case of error.
9. In case of error, another node called errmsg will contain the error message.
10. The node searchcount will contain the number of records found.
11. The node searchresults will contain the first 100 records found as child nodes called searchresult. The API will always return a maximum of 100 records. You can refine your search query to reduce the number of matching records.

General Syntax:

To use the API, you should follow the general syntax of framing an API Request. You can find the more detailed instructions in the sections below explaining each individual API Commands.

While sending the API Request, you should set a HTTP Request Header value which indicates the name of the API Call being made.

API Request Header:

X-LIBERTYCRIMINAL-API-CALL-NAME=**apicallname**

You should also set the HTTP Content Type to “text/xml”. Please refer the example given at the end of the manual.

The API Request should be sent to the server at

<http://www.libertydata.net/api/libertycriminal/api.asp> via HTTP POST.

API Request Format:

```
<lcreq:apirequest xmlns:lcreq="http://www.libertydata.net/api/apirequest">
  <lcreq:requestercredentials>
    <lcreq:login>Your Login Here</lcreq:login>
    <lcreq:password>Your Password Here</lcreq:password>
  </lcreq:requestercredentials>
  <lcreq:version>1</lcreq:version>
  <lcreq:apicallname>
    Additional Search Options
  </lcreq:apicallname>
</lcreq:apirequest>
```

Note: You should use the actual call name in place of the string apicallname in both the API Request Header and API Request XML node name.

The server will execute your request and return the response in the following format:

API Response Format:

```
<lcrs:apiresponse xmlns:lcrs="http://www.libertydata.net/api/apiresponse">
  <lcrs:version>1</lcrs:version>
  <lcrs:status>ok</lcrs:status>
  <lcrs:errmsg><![CDATA[Error Message will be present here]]></lcrs:errmsg>
  <lcrs:searchcount></lcrs:searchcount>
  <lcrs:searchresults>
    <lcrs:searchresult id='1'>
      <IDCaseNumber></IDCaseNumber>
      <Category> </Category>
      <SSN></SSN>
      <FirstName> </FirstName>
      <LastName> </LastName>
      <MiddleName> </MiddleName>
      <Generation></Generation>
      <DOB></DOB>
      <BirthState></BirthState>
      <AKA1></AKA1>
      <AKA2></AKA2>
      <DOBAKA></DOBAKA>
      <Address1> </Address1>
      <Address2></Address2>
      <City> </City>
      <State> </State>
      <Zip></Zip>
      <Age></Age>
      <Hair></Hair>
      <Eye></Eye>
      <Height></Height>
      <Weight></Weight>
      <Race> </Race>
      <ScarsMarks></ScarsMarks>
    </lcrs:searchresult>
  </lcrs:searchresults>
</lcrs:apiresponse>
```

```
<Sex> </Sex>
<SkinTone></SkinTone>
<MilitaryService></MilitaryService>
<ChargesFiledDate></ChargesFiledDate>
<OffenseDate></OffenseDate>
<OffenseCode></OffenseCode>
<NCICCode></NCICCode>
<OffenseDesc1> </OffenseDesc1>
<OffenseDesc2></OffenseDesc2>
<Counts></Counts>
<Plea></Plea>
<ConvictionDate></ConvictionDate>
<ConvictionPlace></ConvictionPlace>
<SentenceYYYYMMDDD></SentenceYYYYMMDDD>
<ProbationYYYYMMDDD></ProbationYYYYMMDDD>
<Court></Court>
<Source> </Source>
<Disposition> </Disposition>
<DispositionDate></DispositionDate>
<CourtCosts></CourtCosts>
<ArrestingAgency></ArrestingAgency>
<caseType></caseType>
<Fines></Fines>
<sourceState> </sourceState>
<sourceName> </sourceName>
</lcres:searchresult>
</lcres:searchresults>
</lcres:apiresponse>
```

API Calls

SearchByName

Description:

This call searches for the First name, Last Name and Date of Birth in the database. You can also provide state name to limit the search only to that particular state. The API performs an exact match of the state and Date of Birth. You must provide either Last Name or First Name and Date of Birth to search.

Search Types:

This call provides two types of searches:

1. STARTS_WITH
2. CONTAINS

In case of STARTS_WITH, the search string is matched at the beginning of each name. Whereas in case of CONTAINS, the search string is matched anywhere in the name.

HTTP Header:

X-LIBERTYCRIMINAL-API-CALL-NAME=" SearchByName"

Sample XML Request:

```
<lcreq:apirequest xmlns:lcreq='http://www.libertydata.net/api/apirequest'>
  <lcreq:requestercredentials>
    <lcreq:login>gov.agent@love-all.com</lcreq:login>
    <lcreq:password>testpass</lcreq:password>
  </lcreq:requestercredentials>
  <lcreq:version>1</lcreq:version>
  <lcreq:SearchByName>
    <lcreq:firstname>william</lcreq:firstname>
    <lcreq:middlename></lcreq:middlename>
    <lcreq:lastname>dart</lcreq:lastname>
    <lcreq:searchtype>STARTS_WITH</lcreq:searchtype>
    <lcreq:state>FL</lcreq:state>
```

```
<lcreq:dob>19880303</lcreq:dob>
</lcreq:SearchByName>
</lcreq:apirequest>
```

Sample XML Response:

```
<lcrs:cellsearchresponse xmlns:lcrs='http://www.libertydata.net/api/apireponse'>
  <lcrs:version>1</lcrs:version>
  <lcrs:status>ok</lcrs:status>
  <lcrs:errmsg><![CDATA[]]></lcrs:errmsg>
  <lcrs:searchcount>1</lcrs:searchcount>
  <lcrs:searchresults>
    <lcrs:searchresult id='1'>
      <IDCaseNumber>10004559</IDCaseNumber>
      <Category>Criminal</Category>
      <SSN></SSN>
      <FirstName>WILLIAM</FirstName>
      <LastName>DART</LastName>
      <MiddleName>LESSE</MiddleName>
      <Generation></Generation>
      <DOB>19880303</DOB>
      <BirthState></BirthState>
      <AKA1></AKA1>
      <AKA2></AKA2>
      <DOBAKA></DOBAKA>
      <Address1>32 S LAKE VIEW</Address1>
      <Address2></Address2>
      <City>Palm Coast</City>
      <State>FL</State>
      <Zip>38234</Zip>
      <Age></Age>
      <Hair></Hair>
      <Eye></Eye>
      <Height></Height>
```



```
<Weight></Weight>
<Race>White</Race>
<ScarsMarks></ScarsMarks>
<Sex>Male</Sex>
<SkinTone></SkinTone>
<MilitaryService></MilitaryService>
<ChargesFiledDate>06/28/2008</ChargesFiledDate>
<OffenseDate>06/10/2008</OffenseDate>
<OffenseCode></OffenseCode>
<NCICCode></NCICCode>
<OffenseDesc1>DR1, PUBLIC DRUNK OR INTOXICATION , in violation of 37
O.S. 8, 537(A)(8)</OffenseDesc1>
<OffenseDesc2></OffenseDesc2>
<Counts></Counts>
<Plea></Plea>
<ConvictionDate></ConvictionDate>
<ConvictionPlace></ConvictionPlace>
<SentenceYYYYMMDDD></SentenceYYYYMMDDD>
<ProbationYYYYMMDDD></ProbationYYYYMMDDD>
<Court></Court>
<Source> </Source>
<Disposition>DISMISSED WITH COSTS, 07/12/2008. Dismissed with
Costs.</Disposition>
<DispositionDate></DispositionDate>
<CourtCosts></CourtCosts>
<ArrestingAgency></ArrestingAgency>
<caseType></caseType>
<Fines></Fines>
<sourceState>FL</sourceState>
<sourceName>FL District Court</sourceName>
</lcres:searchresult>
</lcres:searchresults>
</lcres:cellsearchresponse>
```

SearchByAddress

Description:

This call searches for the address in the database. You can also provide city name and/or state name and/or a zip code to limit the search only to that particular city, state or zip code. The API performs an exact match of the city, state and the zip code.

Search Types:

This call provides two types of searches:

1. STARTS_WITH
2. CONTAINS

In case of STARTS_WITH, the search string is matched at the beginning of each address. Whereas in case of CONTAINS, the search string is matched anywhere in the address.

HTTP Header:

X-LIBERTYCRIMINAL-API-CALL-NAME=" SearchByAddress"

Sample XML Request:

```
<lcreq:apirequest xmlns:lcreq='http://www.libertydata.net/api/apirequest'>
  <lcreq:requestercredentials>
    <lcreq:login>gov.agent@love-all.com</lcreq:login>
    <lcreq:password>testpass</lcreq:password>
  </lcreq:requestercredentials>
  <lcreq:version>1</lcreq:version>
  <lcreq:SearchByAddress>
    <lcreq:address>locust</lcreq:address>
    <lcreq:searchtype>CONTAINS</lcreq:searchtype>
    <lcreq:city>Davenport</lcreq:city>
    <lcreq:state>IA</lcreq:state>
    <lcreq:zipcode></lcreq:zipcode>
  </lcreq:SearchByAddress>
</lcreq:apirequest>
```

Sample XML Response:

```
<lcr:cellsearchresponse xmlns:lcr='http://www.libertydata.net/api/apireponse'>
  <lcr:version>1</lcr:version>
  <lcr:status>ok</lcr:status>
  <lcr:errmsg><![CDATA[]]></lcr:errmsg>
  <lcr:searchcount>1</lcr:searchcount>
  <lcr:searchresults>
    <lcr:searchresult id='1'>
      <IDCaseNumber>10004559</IDCaseNumber>
      <Category>Criminal</Category>
      <SSN></SSN>
      <FirstName>WILLIAM</FirstName>
      <LastName>DART</LastName>
      <MiddleName>LESSE</MiddleName>
      <Generation></Generation>
      <DOB>19880303</DOB>
      <BirthState></BirthState>
      <AKA1></AKA1>
      <AKA2></AKA2>
      <DOBAKA></DOBAKA>
      <Address1>32 S LAKE VIEW</Address1>
      <Address2></Address2>
      <City>Palm Coast</City>
      <State>FL</State>
      <Zip>38234</Zip>
      <Age></Age>
      <Hair></Hair>
      <Eye></Eye>
      <Height></Height>
      <Weight></Weight>
      <Race>White</Race>
      <ScarsMarks></ScarsMarks>
      <Sex>Male</Sex>
      <SkinTone></SkinTone>
```

```
<MilitaryService></MilitaryService>
<ChargesFiledDate>06/28/2008</ChargesFiledDate>
<OffenseDate>06/10/2008</OffenseDate>
<OffenseCode></OffenseCode>
<NCICCode></NCICCode>
<OffenseDesc1>DR1, PUBLIC DRUNK OR INTOXICATION , in violation of 37
O.S. 8, 537(A)(8)</OffenseDesc1>
<OffenseDesc2></OffenseDesc2>
<Counts></Counts>
<Plea></Plea>
<ConvictionDate></ConvictionDate>
<ConvictionPlace></ConvictionPlace>
<SentenceYYYYMMDDD></SentenceYYYYMMDDD>
<ProbationYYYYMMDDD></ProbationYYYYMMDDD>
<Court></Court>
<Source> </Source>
<Disposition>DISMISSED WITH COSTS, 07/12/2008. Dismissed with
Costs.</Disposition>
<DispositionDate></DispositionDate>
<CourtCosts></CourtCosts>
<ArrestingAgency></ArrestingAgency>
<caseType></caseType>
<Fines></Fines>
<sourceState>FL</sourceState>
<sourceName>FL District Court</sourceName>
</lcres:searchresult>
</lcres:searchresults>
</lcres:cellsearchresponse>
```

SearchByNameAndAddress

Description:

This call searches for both name and address in the database. You can also provide city name and/or state name and/or a zip code to limit the search only to that particular city, state or zip code. The API performs an exact match of the city, state and the zip code.

Search Types:

This call provides three types of searches:

1. STARTS_WITH
2. CONTAINS

In case of STARTS_WITH, the search string is matched at the beginning of each name and address. Whereas in case of CONTAINS, the search string is matched anywhere in the name and address.

HTTP Header:

X-LIBERTYCRIMINAL-API-CALL-NAME=" SearchByNameAndAddress"

Sample XML Request:

```
<lcreq:apirequest xmlns:lcreq='http://www.libertydata.net/api/apirequest'>
  <lcreq:requestercredentials>
    <lcreq:login>gov.agent@love-all.com</lcreq:login>
    <lcreq:password>testpass</lcreq:password>
  </lcreq:requestercredentials>
  <lcreq:version>1</lcreq:version>
  <lcreq:SearchByNameAndAddress>
    <lcreq:firstname>Kate</lcreq:firstname>
    <lcreq:lastname></lcreq:lastname>
    <lcreq:address>51</lcreq:address>
    <lcreq:searchtype>STARTS_WITH</lcreq:searchtype>
    <lcreq:city>Davenport</lcreq:city>
    <lcreq:state>IA</lcreq:state>
    <lcreq:zipcode></lcreq:zipcode>
  </lcreq:SearchByNameAndAddress>
</lcreq:apirequest>
```

```
</lcreq:SearchByNameAndAddress>  
</lcreq:apirequest>
```

Sample XML Response:

```
<lcrs:cellsearchresponse xmlns:lcrs='http://www.libertydata.net/api/apiresponse'>  
  <lcrs:version>1</lcrs:version>  
  <lcrs:status>ok</lcrs:status>  
  <lcrs:errmsg><![CDATA[]]></lcrs:errmsg>  
  <lcrs:searchcount>1</lcrs:searchcount>  
  <lcrs:searchresults>  
    <lcrs:searchresult id='1'>  
      <IDCaseNumber>10004559</IDCaseNumber>  
      <Category>Criminal</Category>  
      <SSN></SSN>  
      <FirstName>WILLIAM</FirstName>  
      <LastName>DART</LastName>  
      <MiddleName>LESSE</MiddleName>  
      <Generation></Generation>  
      <DOB>19880303</DOB>  
      <BirthState></BirthState>  
      <AKA1></AKA1>  
      <AKA2></AKA2>  
      <DOBAKA></DOBAKA>  
      <Address1>32 S LAKE VIEW</Address1>  
      <Address2></Address2>  
      <City>Palm Coast</City>  
      <State>FL</State>  
      <Zip>38234</Zip>  
      <Age></Age>  
      <Hair></Hair>  
      <Eye></Eye>  
      <Height></Height>  
      <Weight></Weight>
```

```
<Race>White</Race>
<ScarsMarks></ScarsMarks>
<Sex>Male</Sex>
<SkinTone></SkinTone>
<MilitaryService></MilitaryService>
<ChargesFiledDate>06/28/2008</ChargesFiledDate>
<OffenseDate>06/10/2008</OffenseDate>
<OffenseCode></OffenseCode>
<NCICCode></NCICCode>
<OffenseDesc1>DR1, PUBLIC DRUNK OR INTOXICATION , in violation of 37
O.S. 8, 537(A)(8)</OffenseDesc1>
<OffenseDesc2></OffenseDesc2>
<Counts></Counts>
<Plea></Plea>
<ConvictionDate></ConvictionDate>
<ConvictionPlace></ConvictionPlace>
<SentenceYYYYMMDDD></SentenceYYYYMMDDD>
<ProbationYYYYMMDDD></ProbationYYYYMMDDD>
<Court></Court>
<Source> </Source>
<Disposition>DISMISSED WITH COSTS, 07/12/2008. Dismissed with
Costs.</Disposition>
<DispositionDate></DispositionDate>
<CourtCosts></CourtCosts>
<ArrestingAgency></ArrestingAgency>
<caseType></caseType>
<Fines></Fines>
<sourceState>FL</sourceState>
<sourceName>FL District Court</sourceName>
</lcres:searchresult>
</lcres:searchresults>
</lcres:cellsearchresponse>
```

Troubleshooting Guide:

1. I get “Invalid API Call Format. Please check the XML Syntax for API request calls.” error message.
 - a. Check whether you have used the exact case as mentioned in this guide. XML node names are case-sensitive. Also the HTTP Header value X-LIBERTYCRIMINAL-API-CALL-NAME is case-sensitive.
 - b. Check your Request XML structure carefully. You may have made a spelling mistake in typing the node names or may have missed out an important node. You can refer individual call samples.
2. I get “Unsupported API Version” error message.
 - a. Check the Version number specified in your API Request.
The Current API Version is 1.
3. I get “Authentication failed.” Error message.
 - a. Check the login/password entered in the requestercredentials node.
 - b. Your login may not be API enabled.
 - c. Your login may be deactivated by the API administrator.
4. I get “Not enough credits to perform this operation.” Error message.
 - a. You have used up your available searches or your usage time has expired. Please purchase additional credits.
5. I get “Unknown API call” error message.
 - a. Check whether you have used the exact case as mentioned in this guide. XML node names are case-sensitive. Also the HTTP Header value X-LIBERTYCRIMINAL-API-CALL-NAME is case-sensitive.
 - b. Check this manual to see whether the API Call which you are trying to use is available.