



LegiScan API v1.71

User Manual

Suggestions and Support

LegiScan has a long history of being driven by the suggestions and needs of our users. Your feedback is appreciated and most welcome to help increase the value and utility of the system for the public service we offer. Please email your comments to support@legiscan.com. Technical support is also available from this email address. You can also find out more information and details by visiting our website at legiscan.com.

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Table of Contents

Introduction	5
Started Getting.....	5
API Interactions.....	5
Bulk API	5
Pull API	5
Push API	5
LegiScan API Client Source Code	5
Pull Interface	6
Query String	6
Status Response	6
Update Workflow.....	6
API Operations	7
Internal Identifiers	7
getSessionList.....	8
getMasterList	9
getMasterListRaw	10
getBill	11
getBillText	15
getAmendment	16
getSupplement.....	17
getRollcall.....	18
getPerson	19
search.....	20
searchRaw	21
getDatasetList	22
getDataset.....	23
getSessionPeople	24
getSponsoredList.....	25
Data Dictionary	27
bill.....	27
roll_call.....	30
text	30
amendment.....	30
supplement	31

person	31
session.....	31
Static Values.....	32
Bill Types	32
MIME Types	32
Political Party	32
Reasons (Push API Only)	33
Roles.....	33
SAST Types	33
Sponsor Types	34
Status / Progress	34
Supplement Types.....	34
Text Types	34
Votes	35

Introduction

The LegiScan API is a legislative data web-service offering uniform data from multiple states with access to a wide array of legislative information including detailed bill information and history, full bill texts, roll call information and more. LegiScan saves time and assimilates legislative data in a manner that enhances analysis and communications with those who matter most and remain aware of germane legislation and issues that affects you.

Started Getting

To use the LegiScan API you need an API Key which can be obtained at LegiScan. All it takes to get started is an authenticated OneVote free public service account with LegiScan. The API registration form can be accessed below. Once registered you can also visit the same link to get an API status report and adjust various API Profile settings.

<https://legiscan.com/legiscan>

API Interactions

Interacting with the LegiScan API comes in two basic flavors: Pull and Push. Both contain the same data payloads and differentiated primarily by which side is responsible for returning the status response. Except for Push adding fields of `last_push` and the `reasons` array. These fields include a timestamp of the last successful Push and a list of 25 unique flags of what changed about the bill in order to trigger the Push.

Bulk API

The Bulk API utilizes the weekly datasets that contain all *getBill*, *getRollCall* and *getPerson* payload records as individual JSON files in separate ZIP archives for each session. These can then be processed to import a new or update an existing session in its entirety. Also available through the *getDatasetList* and *getDataset* API operations.

<https://legiscan.com/datasets>

Pull API

The Pull API is the basic setup for LegiScan interactions. It is an interface with resources determined by URI query strings. It is the sole responsibility of the client to generate requests into the API to determine and obtain updated information. Public service keys have a monthly limit of 30,000 queries to mirror the OneVote public tracking service.

Push API

The Push API is available as a paid subscription service to clients that require real-time updates, from a single state to the entire nation, that are pushed every 15 minutes to 4 hours as changes are detected in bill information. The client's push endpoint is responsible for processing the payload information. Though many applications can be driven by the master bill payload, the endpoint can request bill text or vote information that is missing for local storage that will also be sent to fully replicate the national database remotely.

LegiScan API Client Source Code

While users are free to develop their own interface into the API we encourage users to investigate the LegiScan API Client which is a turnkey application that supports all current API features and interactions including Pull, Push and Bulk with a defined database schema.

<https://api.legiscan.com/dl>

<https://api.legiscan.com/docs>

Pull Interface

Query String

The general format for Pull API calls is:

```
https://api.legiscan.com/?key=APIKEY&op=OPERATION&PARAMS
```

Where *APIKEY* is a valid LegiScan API key, *OPERATION* is one of the operation requests defined below, and *PARAMS* is a set of name-value pairs that are specific to each operation as defined below. The appropriate *Content-Type* header will be set for the responding payload as *application/json* for JSON responses.

Keys, operations, state abbreviations and bill numbers are case-insensitive.

Status Response

The non-initiating side in a request is responsible for returning a *status* element that indicates if the operation completed successfully. For Pull requests, *status* is returned by LegiScan; for Push responses, *status* is return by the endpoint listener.

A successful response must use *status* = OK (case sensitive)

JSON OK Response

```
{
  "status": "OK",
  ...
}
```

A failed response must use *status* = ERROR (case sensitive) and may optionally include an *alert message* with further information on the nature of the failure.

JSON ERROR Response

```
{
  "status": "ERROR",
  "alert": {
    "message": "IMPORTANT_SYSTEM_MESSAGE"
  }
}
```

Update Workflow

The typical workflow for maintaining session data begins with Bulk loading the appropriate datasets, then periodically using *getMasterListRaw* to compare current *change_hash* with stored value for each bill and using *getBill* to retrieve and update those bills that have changed. See the LegiScan API Client worker daemon for this and other synchronization strategies.

https://api.legiscan.com/docs/class-LegiScan_Worker.html

API Operations

The following operations are available in the Pull API; the Frequency are guidelines for how often an individual request for each operation should be performed or be refreshed, reflecting public cache, internal scheduling and reasonable logic.

Operation	Description	Frequency
<i>getSessionList</i>	Retrieve session list for a particular <i>state</i>	Daily
<i>getMasterList</i>	Retrieve master bill list for a session	1 hour
<i>getMasterListRaw</i>	Retrieve master bill list optimized for <i>change_hash</i> detection	1 hour
<i>getBill</i>	Retrieve bill detail information for a given <i>bill_id</i>	3 hours
<i>getBillText</i>	Retrieve full bill text for a given <i>doc_id</i>	Static
<i>getAmendment</i>	Retrieve amendment text for a given <i>amendment_id</i>	Static
<i>getSupplement</i>	Retrieve supplemental document for a given <i>supplement_id</i>	Static
<i>getRollCall</i>	Retrieve roll call vote information for a given <i>roll_call_id</i>	Static
<i>getPerson</i>	Retrieve basic information for a given <i>people_id</i>	Weekly
<i>search</i>	Retrieve results from the full text search engine (50 results)	1 hour
<i>searchRaw</i>	Retrieve results from the full text search engine (2000 results)	1 hour
<i>getDatasetList</i>	Retrieve list of available dataset snapshots	Weekly
<i>getDataset</i>	Retrieve an individual dataset for a specific <i>session_id</i>	Weekly
<i>getSessionPeople</i>	Retrieve list of people active in a specific <i>session_id</i>	Weekly
<i>getSponsoredList</i>	Retrieve list of bills sponsored by an individual <i>people_id</i>	Daily

For clarity, the Frequency is not how often data requests **should** happen, reflecting rather the minimum time resolution that **could** include changes in data. Requests that exceed these recommendations will be served unchanged cached data while expending an API operation. In practice most use cases can be satisfied with daily updates.

Internal Identifiers

Each data payload uses a unique positive integer value to globally identify the object.

Object	Value
<i>session_id</i>	Identifier for <i>getMasterList</i> , <i>getMasterListRaw</i> , <i>getDataset</i> , <i>getSessionPeople</i>
<i>bill_id</i>	Identifier for <i>getBill</i>
<i>doc_id</i>	Identifier for <i>getBillText</i>
<i>amendment_id</i>	Identifier for <i>getAmendment</i>
<i>supplement_id</i>	Identifier for <i>getSupplement</i>
<i>roll_call_id</i>	Identifier for <i>getRollCall</i>
<i>people_id</i>	Identifier for <i>getPerson</i> , <i>getSponsoredList</i>

getSessionList

Description:

This operation returns a list of sessions that are available for access in the given *state* abbreviation.

Input Parameters:

Name	Value
<i>state</i>	Retrieve a list of available sessions for the given <i>state</i> abbreviation

Pull API Template:

<https://api.legiscan.com/?key=APIKEY&op=getSessionList&state=STATE>

Client Source Code:

https://api.legiscan.com/docs/class-LegIScan_Process.html

Response:

List of session information including *session_id* for subsequent *getMasterList* calls along with session years, special session indicator and the *session_hash* which reflects the current dataset version for the *session_id* for identifying and tracking when bills change.

JSON

```
{
  "status": "OK",
  "sessions": [
    {
      "session_id": 1624,
      "state_id": 5,
      "year_start": 2019,
      "year_end": 2020,
      "special": 0,
      "session_name": "Regular Session",
      "name": "2019-2020 Regular Session",
      "session_hash": "1c7d77fe298a4d30ad763733ab2f8c84"
    },
    {
      "session_id": 1400,
      "state_id": 5,
      "year_start": 2017,
      "year_end": 2018,
      "special": 0,
      "session_name": "Regular Session",
      "name": "2017-2018 Regular Session",
      "session_hash": "64eaa5580417096fdc2b3d06402b2841"
    },
    ...
  ]
}
```


getMasterList

Description:

This operation returns a master list of summary bill data in the given *session_id* or current *state* session.

Input Parameters (Invocation A):

Name	Value
<i>id</i>	Retrieve bill master list for the <i>session_id</i> as given by <i>id</i>

Input Parameters (Invocation B):

Name	Value
<i>state</i>	Retrieve bill master list for current session in the given <i>state</i>

Pull API Template:

`https://api.legiscan.com/?key=APIKEY&op=getMasterList&state=STATE`

`https://api.legiscan.com/?key=APIKEY&op=getMasterList&id=SESSION_ID`

Client Source Code:

https://api.legiscan.com/docs/class-LegisScan_Process.html

Response:

List of bill information including *bill_id* and *bill_number*. The *change_hash* is a representation of the current bill status, it should be stored for a quick comparison to subsequent *getMasterList* calls to detect what bills have changed and need updating.

JSON

```
{
  "status": "OK",
  "masterlist": {
    "0": {
      "bill_id": 1132030,
      "number": "AB1",
      "change_hash": "d72444d8f2026219e38cb2179dcc67a0",
      "url": "https://legiscan.com/CA/bill/AB1/2019",
      "status_date": "2018-12-03",
      "status": "1",
      "last_action_date": "2018-12-04",
      "last_action": "From printer. May be heard in committee January 3.",
      "title": "Youth athletics: California Youth Football Act.",
      "description": "An act to add Article 2.7 to the Health and Safety"
    },
    "1": {
      "bill_id": 1131894,
      "number": "AB2",
      "change_hash": "d733e82d03a815e568f92e66f6fd87dc",
      "url": "https://legiscan.com/CA/bill/AB2/2019",
      "status_date": "2018-12-03",
      "status": "1",
      "last_action_date": "2018-12-04",
      "last_action": "From printer. May be heard in committee January 3.",
      "title": "Community colleges: California College Promise.",
      "description": "An act to amend Section 76396.3 postsecondary"
    },
    ...
  }
}
```

getMasterListRaw

Description:

This operation returns a master list of bill *change_hash* data in the given *session_id* or current *state* session.

Input Parameters (Invocation A):

Name	Value
<i>id</i>	Retrieve bill master list for the <i>session_id</i> as given by <i>id</i>

Input Parameters (Invocation B):

Name	Value
<i>state</i>	Retrieve bill master list for current session in the given <i>state</i>

Pull API Template:

`https://api.legiscan.com/?key=APIKEY&op=getMasterListRaw&state=STATE`

`https://api.legiscan.com/?key=APIKEY&op=getMasterListRaw&id=SESSION_ID`

Client Source Code:

https://api.legiscan.com/docs/class-LegisScan_Process.html

Response:

List of bill information including *bill_id* and *bill_number*. The *change_hash* is a representation of the current bill status, it should be stored for a quick comparison to subsequent *getMasterListRaw* calls to detect what bills have changed and need updating.

JSON

```
{
  "status": "OK",
  "masterlist": {
    "0": {
      "bill_id": 1132030,
      "number": "AB1",
      "change_hash": "d72444d8f2026219e38cb2179dcc67a0",
    },
    "1": {
      "bill_id": 1131894,
      "number": "AB2",
      "change_hash": "d733e82d03a815e568f92e66f6fd87dc",
    },
    "2": {
      "bill_id": 1132059,
      "number": "AB3",
      "change_hash": "39bb633b8b80ee8223fc7b83814ca705"
    },
    "3": {
      "bill_id": 1131884,
      "number": "AB4",
      "change_hash": "42a452ffc18126030dc5dc11958fc9cf"
    },
    ...
  }
}
```

getBill

Description:

This operation returns the primary bill detail information including sponsors, committee references, full history, bill text and roll call information.

Input Parameters:

Name	Value
<i>id</i>	Retrieve bill detail information for <i>bill_id</i> as given by <i>id</i>

Pull API Template:

https://api.legiscan.com/?key=APIKEY&op=getBill&id=BILL_ID

Client Source Code:

https://api.legiscan.com/docs/class-LegisScan_Process.html

Response:

Detail bill information object enumerating associated information along with sponsor *people_id*, bill text *doc_id* and voting *roll_call_id*. The *change_hash* is a representation of the current bill version, it should be stored for a quick comparison to subsequent *getMasterListRaw* calls to detect when bills have changed and need updating.

JSON

```
{
  "status": "OK",
  "bill": {
    "bill_id": 1167968,
    "change_hash": "0176f32311854cf3ab1ab69a94e237e5",
    "session_id": 1636,
    "session": {
      "session_id": 1636,
      "session_name": "2019 Regular Session",
      "session_title": "Regular Session",
      "year_start": 2019,
      "year_end": 2019,
      "special": 0
    },
    "url": "https://legiscan.com/MD/bill/SB181/2019",
    "state_link":
"http://mgaleg.maryland.gov/mgaweb/Legislation/Details/SB0181?ys=2019rs",
    "completed": 1,
    "status": 4,
    "status_date": "2019-05-25",
    "progress": [
      {
        "date": "2019-01-23",
        "event": 1
      },
      {
        "date": "2019-01-23",
        "event": 9
      }
    ],
    "state": "MD",
    "state_id": 20,
    "bill_number": "SB181",
    "bill_type": "B",
    "bill_type_id": "1",
  }
}
```

```
"body": "S",
"body_id": 50,
"current_body": "S",
"current_body_id": 50,
"title": "Altering certain classes of goods and services for which a person may
register a mark; prohibiting a person from registering a certain name or surname as a
mark; requiring an applicant for registration of a mark or renewal of a mark to
submit 3 different specimens or reproductions of the mark as used; prohibiting the
specimens or reproductions from including certain business papers; requiring the
Secretary of State to include a full description of the mark on a certain certificate
of registration; etc.",
"committee": {
  "committee_id": 1928,
  "chamber": "H",
  "chamber_id": 49,
  "name": "Ways and Means"
},
"pending_committee_id": 1928,
"history": [
  {
    "date": "2019-01-23",
    "action": "First Reading Budget and Taxation",
    "chamber": "S",
    "chamber_id": 50,
    "importance": 1
  },
  {
    "date": "2019-02-18",
    "action": "Favorable Report by Budget and Taxation",
    "chamber": "S",
    "chamber_id": 50,
    "importance": 1
  },
  {
    "date": "2019-02-21",
    "action": "Third Reading Passed (46-0)",
    "chamber": "S",
    "chamber_id": 50,
    "importance": 1
  },
  {
    "date": "2019-03-25",
    "action": "Third Reading Passed (125-4)",
    "chamber": "H",
    "chamber_id": 49,
    "importance": 0
  },
  {
    "date": "2019-05-25",
    "action": "Enacted under Article II, Section 17(c) of the Maryland
Constitution - Chapter 596",
    "chamber": "S",
    "chamber_id": 50,
    "importance": 1
  }
],
"sponsors": [
  {
    "people_id": 4718,
    "person_hash": "qp3urxai",
    "party_id": 1,
    "party": "D",
    "role_id": 2,
```

```
    "role": "Sen",
    "name": "Nancy King",
    "first_name": "Nancy",
    "middle_name": "",
    "last_name": "King",
    "suffix": "",
    "nickname": "",
    "district": "SD-039",
    "ftm_eid": 5304165,
    "votesmart_id": 36382,
    "opensecrets_id": "",
    "ballotpedia": "Nancy_King",
    "sponsor_type_id": 1,
    "sponsor_order": 1,
    "committee_sponsor": 0,
    "committee_id": "0"
  }
],
"sasts": [
  {
    "type_id": 5,
    "type": "Crossfiled",
    "sast_bill_number": "SB10",
    "sast_bill_id": 1293389
  }
],
"subjects": [
  {
    "subject_id": 3309,
    "subject_name": "Education"
  }
],
"texts": [
  {
    "doc_id": 1868195,
    "date": "2019-01-23",
    "type": "Introduced",
    "type_id": 1,
    "mime": "application/pdf",
    "mime_id": 2,
    "url": "https://legiscan.com/MD/text/SB181/id/1868195",
    "state_link": "http://mgaleg.maryland.gov/2019RS/bills/sb/sb0181f.pdf",
    "text_size": 85467
  }
],
"votes": [
  {
    "roll_call_id": 806862,
    "date": "2019-02-21",
    "desc": "Senate Floor - Third Reading Passed (46-0)",
    "yea": 47,
    "nay": 1,
    "nv": 1,
    "absent": 2,
    "total": 51,
    "passed": 1,
    "chamber": "S",
    "chamber_id": 50,
    "url": "https://legiscan.com/MD/rollcall/SB181/id/806862",
    "state_link": "http://mgaleg.maryland.gov/2019RS/votes/Senate/0250.pdf"
  }
],
"amendments": [
```

```

    {
      "amendment_id": 72535,
      "adopted": 1,
      "chamber": "S",
      "chamber_id": 50,
      "date": "0000-00-00",
      "title": "Senate Amendment (Senator Pinsky) 723129/01",
      "description": "Senate Amendment (Senator Pinsky) 723129/01",
      "mime": "application/pdf",
      "mime_id": 2,
      "url": "https://legiscan.com/MD/amendment/SB1030/id/72535",
      "state_link":
"http://mgaleg.maryland.gov//2019RS/amds/bil_0000/sb1030_72312901.pdf"
    }
  ],
  "supplements": [
    {
      "supplement_id": 94182,
      "date": "0000-00-00",
      "type": "Fiscal Note/Analysis",
      "type_id": 3,
      "title": "Analysis",
      "description": "Fiscal Note/Analysis",
      "mime": "application/pdf",
      "mime_id": 2,
      "url": "https://legiscan.com/MD/supplement/SB181/id/94182",
      "state_link": "http://mgaleg.maryland.gov/2019RS/fnotes/bil_0001/sb0181.pdf"
    },
    {
      "supplement_id": 96165,
      "date": "0000-00-00",
      "type": "Vote Image",
      "type_id": 4,
      "title": "Vote - Senate - Committee Budget and Taxation",
      "description": "Vote Image",
      "mime": "application/pdf",
      "mime_id": 2,
      "url": "https://legiscan.com/MD/supplement/SB181/id/96165",
      "state_link": "http://mgaleg.maryland.gov/2019RS/votes_comm/sb0181_b&t.pdf"
    }
  ],
  "calendar": [
    {
      "type_id": 1,
      "type": "Hearing",
      "date": "2019-03-19",
      "time": "13:00",
      "location": "",
      "description": "House Appropriations Hearing"
    }
  ]
}

```

getBillText

Description:

This operation returns an individual copy of a bill text.

Input Parameters:

Name	Value
<i>id</i>	Retrieve bill text information for <i>doc_id</i> as given by <i>id</i>

Pull API Template:

https://api.legiscan.com/?key=APIKEY&op=getBillText&id=DOC_ID

Client Source Code:

https://api.legiscan.com/docs/class-LegisScan_Process.html

Response:

Bill text including date, draft revision information and MIME type, the bill text itself is base64 encoded to allow for binary PDF/Word transfers.

JSON

```
{
  "status": "OK",
  "text": {
    "doc_id": 647508,
    "bill_id": 502329,
    "date": "2012-05-23",
    "type": "Enrolled",
    "mime": "application/rtf",
    "doc": "MIME 64 Encoded Document"
  }
}
```

getAmendment

Description:

This operation returns an individual copy of an amendment.

Input Parameters:

Name	Value
<i>id</i>	Retrieve amendment information for <i>amendment_id</i> as given by <i>id</i>

Pull API Template:

https://api.legiscan.com/?key=APIKEY&op=getAmendment&id=AMENDMENT_ID

Client Source Code:

https://api.legiscan.com/docs/class-LegisScan_Process.html

Response:

Amendment text including date, adoption status, along with title/description information and MIME type, the amendment text itself is base64 encoded to allow for binary PDF/Word transfers.

JSON

```
{
  "status": "OK",
  "amendment": {
    "amendment_id": 37508,
    "chamber": "S",
    "chamber_id": 36,
    "bill_id": 852200,
    "adopted": 0,
    "date": "2016-04-01",
    "title": "Senate Amendment 001",
    "description": "Senate Amendment 001",
    "mime": "text/html",
    "mime_id": 1,
    "doc": "MIME 64 Encoded Document"
  }
}
```


getSupplement

Description:

This operation returns a supplemental document such as fiscal notes, veto letters, etc.

Input Parameters:

Name	Value
<i>id</i>	Retrieve supplement information for <i>supplement_id</i> as given by <i>id</i>

Pull API Template:

https://api.legiscan.com/?key=APIKEY&op=getSupplement&id=SUPPLEMENT_ID

Client Source Code:

https://api.legiscan.com/docs/class-LegisScan_Process.html

Response:

Supplement text including type of supplement, date, along with title/description information and MIME type, the supplement text itself is base64 encoded to allow for binary PDF/Word transfers.

JSON

```
{
  "status": "OK",
  "supplement": {
    "supplement_id": 47508,
    "bill_id": 853693,
    "date": "0000-00-00",
    "type_id": 3,
    "type": "Fiscal Note/Analysis",
    "title": "Analysis",
    "description": "Fiscal Note/Analysis",
    "mime": "application/pdf",
    "mime_id": 2,
    "doc": "MIME 64 Encoded Document"
  }
}
```

getRollcall

Description:

This operation returns a vote record detail with summary information and individual vote information.

Input Parameters:

Name	Value
<i>id</i>	Retrieve vote detail information for <i>roll_call_id</i> as given by <i>id</i>

Pull API Template:

https://api.legiscan.com/?key=APIKEY&op=getRollcall&id=ROLL_CALL_ID

Client Source Code:

https://api.legiscan.com/docs/class-LegisScan_Process.html

Response:

Roll call detail for individual votes for *people_id* and summary result information.

JSON

```
{
  "status": "OK",
  "roll_call": {
    "roll_call_id": 234223,
    "bill_id": 460445,
    "date": "2013-02-20",
    "desc": "House: Human Services Subcommittee: DO PASS",
    "yea": 2,
    "nay": 1,
    "nv": 1,
    "absent": 1,
    "total": 5,
    "passed": 1,
    "chamber": "H",
    "chamber_id": 79,
    "votes": [
      {
        "people_id": 3709,
        "vote_id": 1,
        "vote_text": "Yea"
      },
      {
        "people_id": 3715,
        "vote_id": 2,
        "vote_text": "Nay"
      },
      {
        "people_id": 3723,
        "vote_id": 3,
        "vote_text": "NV"
      },
      {
        "people_id": 12137,
        "vote_id": 4,
        "vote_text": "Absent"
      },
      ...
    ]
  }
}
```

getPerson

Description:

This operation returns a record with basic sponsor information and third party identifiers.

Input Parameters:

Name	Value
<i>id</i>	Retrieve person information for <i>people_id</i> as given by <i>id</i>

Pull API Template:

https://api.legiscan.com/?key=APIKEY&op=getPerson&id=PEOPLE_ID

Client Source Code:

https://api.legiscan.com/docs/class-LegisScan_Process.html

Response:

Sponsor information including name information, party affiliation and role along with identifiers for third party data sources:

<https://followthemoney.org/>

<https://ballotpedia.org/>

<https://votesmart.org/>

<https://opensecrets.org/>

Note person records reflect the current status, and if viewed in prior session context may have different role, district or party affiliation. The *person_hash* is a representation of the current record values, it can be stored for comparison to subsequent person records to detect when information has changed and needs updating.

JSON

```
{
  "status": "OK",
  "person": {
    "people_id": 16789,
    "person_hash": "kbcwmksm",
    "state_id": 7,
    "party_id": "1",
    "party": "D",
    "role_id": 1,
    "role": "Rep",
    "name": "Christine Rosati",
    "first_name": "Christine",
    "middle_name": "",
    "last_name": "Rosati",
    "suffix": "",
    "nickname": "",
    "district": "HD-044",
    "ftm_eid": "7290094",
    "votesmart_id": 154843,
    "opensecrets_id": "",
    "ballotpedia": "Christine_Rosati",
    "committee_sponsor": 0,
    "committee_id": 0
  }
}
```

search

Description:

Performs a search against the national database using the LegiScan full text engine, returning a paginated result set, appropriate to drive an interactive search appliance.

Further Reading:

<https://legiscan.com/bill-numbers>

<https://legiscan.com/fulltext-search>

Input Parameters:

Name	Value
<i>state</i>	State abbreviation to search on, or ALL for entire nation
<i>query</i>	Full text query string to run against the search engine, URL encoded
<i>year</i>	(Optional) Year where 1=all, 2=current, 3=recent, 4=prior, >1900=exact [Default: 2]
<i>page</i>	(Optional) Result set page number to return [Default: 1]

Pull API Template:

<https://api.legiscan.com/?key=APIKEY&op=search&state=STATE&query=QUERY>

Client Source Code:

https://api.legiscan.com/docs/class-LegiScan_Process.html

Response:

Page of search results based on relevance to the given search parameters. The *change_hash* should be stored for a quick comparison on subsequent calls to detect when bills have changed and need updating.

JSON

```
{
  "status": "OK",
  "searchresult": {
    "summary": {
      "page": "1 of 451",
      "range": "0 - 50",
      "relevancy": "100% - 99%",
      "count": 22525,
    },
    "0": {
      "relevance": 100,
      "state": "IN",
      "bill_number": "SB0544",
      "bill_id": 449621,
      "change_hash": "76132191d8644cee472e05bf5f3ec515",
      "url": "https://legiscan.com/IN/bill/SB0544/2013",
      "text_url": "https://legiscan.com/IN/text/SB0544/2013",
      "research_url": "https://legiscan.com/IN/research/SB0544/2013",
      "last_action_date": "2012-05-10",
      "last_action": "Public Law 261",
      "title": "State and local tax administration."
    },
    "1": {
      ...
    }
  },
  ...
}
```

searchRaw

Description:

Performs a search against the national database using the LegiScan full text engine, returning 2000 results at a time with simplified details, appropriate for automated keyword monitoring.

Input Parameters:

Name	Value
<i>state</i>	State abbreviation to search on, or ALL for entire nation
<i>query</i>	Full text query string to run against the search engine, URL encoded
<i>year</i>	(Optional) Year where 1=all, 2=current, 3=recent, 4=prior, >1900=exact [Default: 2]
<i>page</i>	(Optional) Result set page number to return [Default: 1]

Example Calls:

<https://api.legiscan.com/?key=APIKEY&op=searchRaw&state=STATE&query=QUERY>

Client Source Code:

https://api.legiscan.com/docs/class-LegiScan_Process.html

Response:

Page of search results based on relevance to the given search parameters. The *change_hash* should be stored for a quick comparison on subsequent calls to detect when bills have changed and need updating.

JSON

```
{
  "status": "OK",
  "searchresult": {
    "summary": {
      "page": "1 of 451",
      "range": "0 - 50",
      "relevancy": "100% - 99%",
      "count": 22525,
    },
    "0": {
      "relevance": 100,
      "bill_id": 449621,
      "change_hash": "983e627cc15be727c85d4d9bd563e989",
    },
    "1": {
      "relevance": 99,
      "bill_id": 431262,
      "change_hash": "5b10d1d4288e161a01dbad10276ae7ed",
    },
    "2": {
      "relevance": 99,
      "bill_id": 432143,
      "change_hash": "3ce3b97dec930dc4b31f10b488d7a904",
    },
    "3": {
      ...
    }
  },
  ...
}
```

getDatasetList

Description:

This operation returns a list of available session datasets, with optional *state* and *year* filtering.

Input Parameters:

Name	Value
<i>state</i>	(Optional) Filter dataset results for a given <i>state</i>
<i>year</i>	(Optional) Filter dataset results for a given <i>year</i>

Example Calls:

`https://api.legiscan.com/?key=APIKEY&op=getDatasetList`

`https://api.legiscan.com/?key=APIKEY&op=getDatasetList&state=STATE`

`https://api.legiscan.com/?key=APIKEY&op=getDatasetList&year=YEAR`

Client Source Code:

https://api.legiscan.com/docs/class-LegisScan_Import.html

Response:

List of dataset information including *session_id* and *access_key* which will be required for *getDataset*. The *dataset_hash* is a representation of the current archive version, it should be stored for a quick comparison to subsequent *getDatasetList* calls to detect when archives have changed and need retrieval.

JSON

```
{
  "status": "OK",
  "datasetlist": [
    {
      "state_id": 5,
      "session_id": 1624,
      "special": 0,
      "year_start": 2019,
      "year_end": 2020,
      "session_name": "2019-2020 Regular Session",
      "session_title": "Regular Session",
      "dataset_hash": "e0f2b493b637ec870ca886931bfa9896",
      "dataset_date": "2020-01-19",
      "dataset_size": 11958086,
      "access_key": "3Qd0kRsZxTzUrloonDQx63",
    },
    {
      "state_id": 5,
      "session_id": 1400,
      "special": 0,
      "year_start": 2017,
      "year_end": 2018,
      "session_name": "2017-2018 Regular Session",
      "session_title": "Regular Session",
      "dataset_hash": "64eaa5580417096fdc2b3d06402b2841",
      "dataset_date": "2018-12-09",
      "dataset_size": 22138644,
      "access_key": "5R6lftn5PdMvoZF9yMsE9V",
    }
  ]
}
```

getDataset

Description:

This operation returns a single ZIP archive for the requested dataset containing all bills, votes and people for the

Input Parameters:

Name	Value
<i>id</i>	Retrieve dataset archive information for <i>session_id</i> as given by <i>id</i>
<i>access_key</i>	Access key from <i>getDatasetList</i> for the <i>session_id</i> being requested

Example Calls:

https://api.legiscan.com/?key=APIKEY&op=getDataset&id=SESSION_ID&access_key=ACCESS_KEY

Client Source Code:

https://api.legiscan.com/docs/class-LegisScan_Import.html

Response:

Dataset archive including meta information, the dataset itself is base64 encoded to allow for binary ZIP transfers.

JSON

```
{
  "status": "OK",
  "dataset": {
    "state_id": 5,
    "session_id": 1624,
    "session_name": "2019-2020 Regular Session",
    "dataset_hash": "1c7d77fe298a4d30ad763733ab2f8c84",
    "dataset_date": "2018-12-23",
    "dataset_size": 317775,
    "mime": "application/zip",
    "zip": "MIME 64 Encoded ZIP Archive"
  }
}
```

getSessionPeople

Description:

This operation returns a list of people records for all those individuals active in a given session.

Input Parameters:

Name	Value
<i>id</i>	Retrieve active people list for <i>session_id</i> as given by <i>id</i>

Example Calls:

https://api.legiscan.com/?key=APIKEY&op=getSessionPeople&id=SESSION_ID

Response:

A list of *getPerson* equivalent records for legislators that have sponsor or vote activity in the given session.

JSON

```
{
  "status": "OK",
  "sessionpeople": {
    "session": {
      "session_id": 1624,
      "state_id": 5,
      "year_start": 2019,
      "year_end": 2020,
      "special": 0,
      "session_name": "Regular Session",
      "name": "2019-2020 Regular Session",
      "session_hash": "d07f740e40e69cc9b3aa55fe69d0ff6b"
    },
    "people": [
      {
        "people_id": 1498,
        "person_hash": "03qcgdwg",
        "state_id": 5,
        "party_id": "1",
        "party": "D",
        "role_id": 2,
        "role": "Sen",
        "name": "Jim Beall",
        "first_name": "Jim",
        "middle_name": "",
        "last_name": "Beall",
        "suffix": "Jr.",
        "nickname": "",
        "district": "SD-015",
        "ftm_eid": "776647",
        "votesmart_id": 58229,
        "opensecrets_id": "",
        "ballotpedia": "James_Beall_Jr.",
        "committee_sponsor": 0,
        "committee_id": 0
      },
      ...
    ]
  }
}
```


getSponsoredList

Description:

This operation returns a list of bills sponsored by an individual legislator.

Input Parameters:

Name	Value
<i>id</i>	Retrieve list of bills sponsored by <i>people_id</i> as given by <i>id</i>

Example Calls:

https://api.legiscan.com/?key=APIKEY&op=getSponsoredList&id=PEOPLE_ID

Response:

The associated *getPerson* equivalent record for the *people_id*, a list of sessions with had activity and the list of sponsored bills itself.

JSON

```
{
  "status": "OK",
  "sponsoredbills": {
    "sponsor": {
      "people_id": 1498,
      "person_hash": "03qcgdwg",
      "state_id": 5,
      "party_id": "1",
      "party": "D",
      "role_id": 2,
      "role": "Sen",
      "name": "Jim Beall",
      "first_name": "Jim",
      "middle_name": "",
      "last_name": "Beall",
      "suffix": "Jr.",
      "nickname": "",
      "district": "SD-015",
      "ftm_eid": "776647",
      "votesmart_id": 58229,
      "opensecrets_id": "",
      "ballotpedia": "James Beall Jr.",
      "committee_sponsor": 0,
      "committee_id": 0
    },
    "sessions": [
      {
        "session_id": 1624,
        "session_name": "2019-2020 Regular Session"
      },
      {
        "session_id": 1400,
        "session_name": "2017-2018 Regular Session"
      },
      {
        "session_id": 1120,
        "session_name": "2015-2016 Regular Session"
      },
      {
        "session_id": 993,
        "session_name": "2013-2014 Regular Session"
      }
    ]
  }
}
```

```
{
  "session_id": 82,
  "session_name": "2011-2012 Session"
},
"bills": [
  {
    "session_id": 1624,
    "bill_id": 1131906,
    "number": "AB8"
  },
  {
    "session_id": 1400,
    "bill_id": 937925,
    "number": "AB249"
  },
  {
    "session_id": 1120,
    "bill_id": 704240,
    "number": "AB194"
  },
  {
    "session_id": 993,
    "bill_id": 624598,
    "number": "AB2126"
  },
  {
    "session_id": 82,
    "bill_id": 391931,
    "number": "AB1611"
  }
]
}
```

Data Dictionary

bill

Field	Type	Description
bill_id	integer	Internal bill id
change_hash	string	MD5 hash of bill status meta-data to aid change detection in Pull
last_push	datetime	Timestamp of last successful push (Push Only)
reasons[]	array	Array of flags indicating changes triggering push (Push Only)
session_id	integer	Internal session id
session[]	array	Array of session information
session_id	integer	Internal session id
session_name	string	Session name
session_title	string	Normalized session title
year_start	integer	Starting year of the session
year_end	integer	Ending year of the session
special	boolean	Flag for special sessions (0, 1)
url	string	LegiScan URL
state_link	string	State URL
completed	integer	DEPRECATED DO NOT USE
status	integer	Internal progress id for Intro, Engross, Enroll, Pass, Veto
status_date	date	Date of status action
progress[][]	array	Array of significant progress steps, for “current” status use <i>status</i> field
step[]	array	Individual progress records
date	date	Date of event
event	integer	Internal event type id
state	string	State
state_id	integer	Internal state id
bill_number	string	Bill number
bill_type	string	Type of instrument text
bill_type_id	integer	Internal bill type id
body	string	Originating body text
body_id	integer	Internal body id
current_body	string	Current body text
current_body_id	integer	Internal body id
title	string	Title
description	string	Description
pending_committee_id	integer	Internal committee id
committee[]	array	Array of committee info if currently pending
committee_id	integer	Internal committee id
chamber	string	Chamber of committee
chamber_id	integer	Internal body id
committee_name	string	Name of committee
history[][]	array	Array of history steps
step[]	array	Individual history step
date	date	Date of action
action	string	Action step text
chamber	string	Chamber taking action

chamber_id	integer	Internal body id
importance	boolean	Flag for "major" steps, i.e., matches a progress condition (0, 1)
sponsors[][]	array	Array of sponsors
sponsor[]	array	Individual sponsor record
people_id	integer	Internal people id
person_hash	string	Hash of the personal details to aid change detection
party_id	integer	Internal party id
party	string	Party text
role_id	integer	Internal role id
role	string	Role text
name	string	Full name
first_name	string	First name
middle_name	string	Middle name
last_name	string	Last name
suffix	string	Suffix
district	string	Legislative district
ftm_eid	integer	FollowTheMoney.org EID
votesmart_id	integer	VoteSmart.org ID
opensecrets_id	string	OpenSecrets.org ID (Congress Only)
ballotpedia	string	Ballotpedia.org Name
sponsor_type_id	integer	Internal sponsor type id (primary, co, joint)
sponsor_order	integer	Index of order in sponsorship list
committee_sponsor	boolean	Committee sponsor flag (0, 1)
committee_id	integer	Internal committee id (if committee_sponsor)
sasts[][]	array	Array of same as/similar to relations
sast[]	array	Individual SA/ST record
type_id	integer	Internal sast id
type	string	Relationship text
sast_bill_number	string	Related bill number
sast_bill_id	integer	Internal bill id
subjects[][]	array	Array of subjects
subject[]	array	Individual subject record
subject_id	integer	Internal subject id
subject_name	string	Subject name
texts[][]	array	Array of text drafts
text[]	array	Individual text record
doc_id	integer	Internal document id
date	date	Date of text if (available)
type	string	Type of draft text (introduced, amended, enrolled, comm sub, etc.)
type_id	integer	Internal bill text type id
mime	string	MIME type of document
mime_id	integer	Internal mime type id
url	string	LegiScan URL
state_link	string	State URL
text_size	integer	Final size of decoded document (add 33% for base64)
votes[][]	array	Array of related roll calls
vote[]	array	Individual roll call record
roll_call_id	integer	Internal roll call id

date	date	vote date if available
desc	string	Roll call description
yea	integer	Count of yeas
nay	integer	Count of nays
nv	integer	Count of not voting
absent	integer	Count of absent
total	integer	Total number of votes
passed	boolean	Passed flag (0, 1)
chamber	string	Origin chamber of vote
chamber_id	integer	Internal body id
url	string	LegiScan URL
state_link	string	State URL
amendments[][]	array	Array of amendment documents
amendment[]	array	Individual amendment record
amendment_id	integer	Internal amendment id
adopted	boolean	Flag for adoption (0, 1)
chamber	string	Origin chamber of amendment
chamber_id	integer	Internal body id
date	string	Amendment date (if available)
title	string	Amendment Title
description	string	Amendment Description
mime	string	MIME type of document
mime_id	integer	Internal mime type id
url	string	LegiScan URL
state_link	string	State URL
supplements[][]	array	Array of supplemental documents
supplement[]	array	Individual supplement record
supplement_id	integer	Internal supplement id
date	date	Supplement date (if available)
type_id	integer	Internal supplement type id
type	string	Supplement type text
title	string	Supplement title
description	string	Supplement description
mime	string	MIME type of document
mime_id	integer	Internal mime type id
url	string	LegiScan URL
state_link	string	State URL
calendar[][]	array	Array of events / hearings
event[]	array	Individual event record
type_id	integer	Internal event type id
type	string	Event type text
date	date	Event date
time	time	Event time (if available)
location	string	Event location (if available)
description	string	Event description

roll_call

Field	Type	Description
roll_call_id	integer	Internal roll call id
bill_id	integer	Internal bill id
date	string	Vote date (if available)
desc	string	Vote description
yea	integer	Count of yeas
nay	integer	Count of nays
nv	integer	Count of not voting
absent	integer	Count of absent
total	integer	Total number of votes
passed	boolean	Passed flag (0, 1)
chamber	string	Origin chamber of vote
chamber_id	integer	Internal body id
votes[][]	array	Array of vote details
vote[]	array	Individual vote record
people_id	integer	Internal people id
vote_id	integer	Internal vote type id
vote_text	string	Vote type id description text (Yea, Nay, NV, Absent)

text

Field	Type	Description
doc_id	integer	Internal document id
bill_id	integer	Internal bill id
date	date	Document date (if available)
type	string	Type of draft text
type_id	integer	Internal text type id
mime	string	MIME type of document
mime_id	integer	Internal mime type id
text_size	integer	Final size of decoded document (add 33% for base64)
doc	string	BASE64 encoded document

amendment

Field	Type	Description
amendment_id	integer	Internal amendment id
chamber	string	Chamber of origin
chamber_id	integer	Internal body id
bill_id	integer	Internal bill id
adopted	boolean	Flag for adoption (0, 1)
date	date	Amendment date (if available)
title	string	Amendment title
description	string	Amendment description
mime	string	MIME type of document
mime_id	integer	Internal mime type id
doc	string	BASE64 encoded document

supplement

Field	Type	Description
supplement_id	integer	Internal supplement id
bill_id	integer	Internal bill id
date	date	Supplement date (if available)
type	string	Type of supplement
type_id	integer	Internal supplement type id
title	string	Supplement title
description	string	Supplement description
mime	string	MIME type of document
mime_id	integer	Internal mime type id
doc	string	BASE64 encoded document

person

Field	Type	Description
people_id	integer	Internal people id
person_hash	string	Hash of the personal details to aid change detection
state_id	integer	Internal state id
party_id	integer	Internal party id
party	string	Party text (D, R, I, etc)
role_id	integer	Internal role id
role	string	Role text (Rep, Sen
name	string	Full name
first_name	string	First name
middle_name	string	Middle name
last_name	string	Last name
suffix	string	Suffix
district	string	Legislative district
ftm_eid	integer	FollowTheMoney.org EID
votesmart_id	integer	VoteSmart.org ID
opensecrets_id	string	OpenSecrets.org ID (Congress Only)
ballotpedia	string	Ballotpedia.org Name
committee_sponsor	integer	Committee sponsor flag (0, 1)
committee_id	integer	Internal committee id (if committee_sponsor)

session

Field	Type	Description
session_id	integer	Internal session id
state_id	integer	Internal state id
year_start	integer	Starting year of session
year_end	integer	Ending year of session
special	integer	Flag for special session (0, 1)
session_name	string	State session title
name	string	Normalized session name

Static Values

Bill Types

Value	Type	Description
1	B	Bill
2	R	Resolution
3	CR	Concurrent Resolution
4	JR	Joint Resolution
5	JRCA	Joint Resolution Constitutional Amendment
6	EO	Executive Order
7	CA	Constitutional Amendment
8	M	Memorial
9	CL	Claim
10	C	Commendation
11	CSR	Committee Study Request
12	JM	Joint Memorial
13	P	Proclamation
14	SR	Study Request
15	A	Address
16	CM	Concurrent Memorial
17	I	Initiative
18	PET	Petition
19	SB	Study Bill
20	IP	Initiative Petition
21	RB	Repeal Bill
22	RM	Remonstrations
23	CB	Committee Bill

MIME Types

Value	Description
1	HTML
2	PDF
3	WordPerfect
4	MS Word (.doc)
5	Rich Text Format
6	MS Word 2007 (.docx)

Political Party

Value	Description
1	Democrat
2	Republican
3	Independent
4	Green Party
5	Libertarian

6	Nonpartisan
---	-------------

Reasons (Push API Only)

Value	Flag	Description
1	Newbill	New legislation
2	StatusChange	Status value changed
3	Chamber	Bill moved chambers
4	Complete	Bill completed legislative action (DEPRECATED DO NOT USE)
5	Title	Title changed
6	Description	Description changed
7	CommRefer	Referred or re-referred to committee
8	CommReport	Reported from committee
9	SponsorAdd	Sponsor was added
10	SponsorRemove	Sponsor was removed
11	SponsorChange	Existing sponsor position / type changed
12	HistoryAdd	New history steps were added
13	HistoryRemove	History steps have been removed
14	HistoryRevised	Prior history steps have been revised
15	HistoryMajor	History changes included major steps
16	HistoryMinor	History changes included minor steps
17	SubjectAdd	Subject was added
18	SubjectRemove	Subject was removed
19	SAST	New SAST bill associated
20	Text	New bill text document
21	Amendment	New amendment document
22	Supplement	New supplement document
23	Vote	New vote record
24	Calendar	New/updated calendar event
25	Progress	Progress array has been updated

Roles

Value	Description
1	Representative / Lower Chamber
2	Senator / Upper Chamber
3	Joint Conference

SAST Types

Value	Description
1	Same As
2	Similar To
3	Replaced By
4	Replaces
5	Cross-filed
6	Enabling For

7	Enabled By
8	Related
9	Carry Over

Sponsor Types

Value	Description
0	Sponsor (Generic / Unspecified)
1	Primary Sponsor
2	Co-Sponsor
3	Joint Sponsor

Status / Progress

Value	Description	Notes
1	Introduced	
2	Engrossed	
3	Enrolled	
4	Passed	
5	Vetoed	
6	Failed	Limited support based on state
7	Override	Progress array only
8	Chaptered	Progress array only
9	Refer	Progress array only
10	Report Pass	Progress array only
11	Report DNP	Progress array only
12	Draft	Progress array only

Supplement Types

Value	Description
1	Fiscal Note
2	Analysis
3	Fiscal Note/Analysis
4	Vote Image
5	Local Mandate
6	Corrections Impact
7	Miscellaneous
8	Veto Letter

Text Types

Value	Description
1	Introduced
2	Committee Substitute
3	Amended
4	Engrossed

5	Enrolled
6	Chaptered
7	Fiscal Note
8	Analysis
9	Draft
10	Conference Substitute
11	Prefiled
12	Veto Message
13	Veto Response
14	Substitute

Votes

Value	Description
1	Yea
2	Nay
3	Not Voting / Abstain
4	Absent / Excused