



LegiScan API v1.5

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.

Please bear in mind that LegiScan is an impartial and non-partisan legislative data tracking service. We can assist with issues with the website and general legislative process and inquiries, but we do not offer legal opinion or impact analysis of individual legislation.

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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.

Backwards Compatibility

Within each major version release of the LegiScan API it is always our intention of maintaining backwards compatibility insofar as no existing elements or behaviors will change within that version, however, prompted by client requests additional information may be added to data payloads.

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 account with LegiScan. The API registration form can be accessed at the following link:

<https://legiscan.com/legiscan>

Once registered you can also visit the same link to get an API status report and adjust various API Profile settings. These settings control the default behavior of your API key and enumerate features available to your account.

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 in a bill to trigger the push for each field respectively.

Pull API

The Pull API is the most basic setup for LegiScan interactions. It is an interface with resources determined by URI name-value pairs. It is the sole responsibility of the client to generate requests into the API to obtain updated information.

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 application is responsible for processing the bill payload information. Though many applications can be driven by the master bill payload, the endpoint can request missing bill text or vote information that is missing for local storage that will also be sent to maintain a complete local database.

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.

When passing a state name to the LegiScan API, it should always be the state abbreviation.

When there are multiple invocations for an operation, Invocation A is the preferred method.

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

API Operations

The following operations are available in the Pull API:

| Operation | Description |
|-----------------------|---|
| <i>getStateList</i> | Retrieve list of valid states for this API Key |
| <i>getSessionList</i> | Retrieve session list for a particular state |
| <i>getMasterList</i> | Retrieve master bill list for a session |
| <i>getBill</i> | Retrieve bill detail information for a given bill_id |
| <i>getBillText</i> | Retrieve full bill text for a give doc_id |
| <i>getAmendment</i> | Retrieve amendment text for a given amendment_id |
| <i>getSupplement</i> | Retrieve supplemental document for a given supplement_id |
| <i>getRollCall</i> | Retrieve roll call vote information for a given roll_call_id |
| <i>getPerson</i> | Retrieve basic information for a given people_id |
| <i>search</i> | Retrieve results from the full text search engine (50 results / page) |
| <i>searchRaw</i> | Retrieve results from the full text search engine (2000 results / page) |

Internal Identifiers

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

| Object | Value |
|----------------------|------------------------------|
| <i>bill_id</i> | Identifier for getBill |
| <i>doc_id</i> | Identifier for getBillText |
| <i>amendment_id</i> | Identifier for getAmendment |
| <i>supplement_id</i> | Identifier for getSupplement |
| <i>roll_call_id</i> | Identifier for getRollCall |
| <i>people_id</i> | Identifier for getPerson |

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 requests, 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",
  }
}
```

getSessionList

Description:

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

Input Parameters:

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

Example Calls:

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

Response:

List of session information including session_id and session name.

JSON

```
{
  "status": "OK",
  "sessions": [
    {
      "session_id": 993,
      "name": "2013-2014 Regular Session"
    },
    {
      "session_id": 82,
      "name": "2011-2012 Session"
    },
    ...
  ]
}
```

getMasterList

Description:

This operation returns a master list of bills in the given session or current state session.

Input Parameters (Invocation A):

| Name | Value |
|-----------|--|
| <i>id</i> | Retrieve bill master list for the session_id 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> |

Example Calls:

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

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

Response:

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

JSON

```
{
  "status": "OK",
  "masterlist": {
    "session": {
      "session_id": 993,
      "session_name": "2013-2014 Regular Session"
    },
    "0": {
      "bill_id": 437674,
      "number": "AB1",
      "change_hash": "93de874fcf3ecf005bcc221a68ba278a",
    },
    "1": {
      "bill_id": 437675,
      "number": "AB2",
      "change_hash": "70cf9478c4bae0471673b57cbacc11ff",
    },
    ...
  }
}
```


getBill

Description:

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

Input Parameters (Invocation A):

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

Example Calls:

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

Response:

Detail bill information object enumerating associated information along with sponsor people_id, bill text doc_id and voting roll_call_id.

JSON

```
{
  "bill": {
    "bill_id": 938014,
    "change_hash": "aff60cf4786fe2a2bc687e5012540db2",
    "last_push": "",
    "reasons": {
      "1": "NewBill",
      "2": "StatusChange",
      "12": "HistoryAdd",
      "20": "Text",
    },
  },
  "session_id": 1412,
  "session": {
    "session_id": 1412,
    "session_name": "2017 Regular Session",
    "session_title": "Regular Session",
    "year_start": 2017,
    "year_end": 2017,
    "special": 0
  },
  "url": "https://legiscan.com/MD/bill/SB493/2017",
  "state_link": "https://mgaleg.maryland.gov/webmga/frmMain.aspx?id=sb0493&stab=01&pid=billpage&tab=subject3&ys=2017rs",
  "completed": 0,
  "status": 3,
  "status_date": "2017-03-09",
  "progress": [
    {
      "date": "2017-01-30",
      "event": 1
    },
    ...
  ],
  "state": "MD",
  "state_id": 20,
  "bill_number": "SB493",
  "bill_type": "B",
  "bill_type_id": "1",
  "body": "S",
}
```

```
"body_id": 50,
"current_body": "S",
"current_body_id": 50,
"title": "Annual Curative Bill",
"description": "Generally curing previous Acts of the General Assembly with
possible title defects.",
"committee": [
],
"pending_committee_id": 0,
"history": [
{
  "date": "2017-01-30",
  "action": "First Reading Senate Rules",
  "chamber": "S",
  "chamber_id": 50,
  "importance": 1
},
],
"sponsors": [
{
  "people_id": 15478,
  "person_hash": "tqh6dlbr",
  "party_id": 0,
  "party": false,
  "role_id": 2,
  "role": "Sen",
  "name": "The President",
  "first_name": "The",
  "middle_name": "",
  "last_name": "President",
  "suffix": "",
  "nickname": "",
  "district": "",
  "ftm_eid": 0,
  "votesmart_id": 0,
  "opensecrets_id": "",
  "ballotpedia": "",
  "sponsor_type_id": 1,
  "sponsor_order": 1,
  "committee_sponsor": 0,
  "committee_id": "0"
}
],
"sasts": [
],
"subjects": [
{
  "subject_id": 22605,
  "subject_name": "State Government - General Assembly"
},
...
],
"texts": [
{
  "doc_id": 1488697,
  "date": "2017-01-31",
  "type": "Introduced",
  "type_id": 1,
  "mime": "application\\pdf",
  "mime_id": 2,
  "url": "https:\\\\legiscan.com\\MD\\text\\SB493\\id\\1488697",
  "state_link":
"https:\\\\mgaleg.maryland.gov\\2017RS\\bills\\sb\\sb0493f.pdf",

```

```

        "text_size": 194098
    },
    ...
],
"votes": [
    {
        "roll_call_id": 586994,
        "date": "2017-02-17",
        "desc": "Senate Floor - Third Reading Passed (45-0)",
        "yea": 45,
        "nay": 0,
        "nv": 0,
        "absent": 2,
        "total": 47,
        "passed": 1,
        "chamber": "S",
        "chamber_id": 50,
        "url": "https://legiscan.com/MD/rollcall/SB493/id/586994",
        "state_link":
"https://mga.leg.maryland.gov/webmga/frmMain.aspx?pid=flrvotepage&tab=subject3
&id=sb0493,s-0257&stab=02&ys=2017RS"
    },
    ...
],
"amendments": [
],
"supplements": [
    {
        "supplement_id": 56768,
        "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/SB493/id/56768",
        "state_link":
"https://mga.leg.maryland.gov/2017RS/fnotes/bil_0003/sb0493.pdf"
    }
],
"calendar": [
    {
        "type_id": 1,
        "type": "Hearing",
        "date": "2017-03-03",
        "time": "13:00",
        "location": "",
        "description": "House 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 doc_id as given by <i>id</i> |

Example Calls:

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

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 amendment_id as given by <i>id</i> |

Example Calls:

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

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

```
{
  "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 supplement_id as given by <i>id</i> |

Example Calls:

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

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

```
{
  "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 roll_call_id as given by <i>id</i> |

Example Calls:

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

Response:

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

JSON

```
{
  "roll_call": {
    "roll_call_id": 234223,
    "bill_id": 460445,
    "date": "2013-02-20",
    "desc": "House: Human Services Subcommittee: DO PASS",
    "yea": 5,
    "nay": 0,
    "nv": 0,
    "absent": 0,
    "total": 5,
    "passed": 1,
    "chamber": "H",
    "chamber_id": 79,
    "votes": [
      {
        "people_id": 3709,
        "vote_id": 1,
        "vote_text": "Yea"
      },
      ...
    ]
  }
}
```

getPerson

Description:

This operation returns a record with basic sponsor information and FollowTheMoney ID.

Input Parameters:

| Name | Value |
|-----------|--|
| <i>Id</i> | Retrieve sponsor information for people_id as given by <i>id</i> |

Example Call:

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

Response:

Sponsor information including name, role and followthemoney.org id.

JSON

```
{
  "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.

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>Bill</i> | Bill number for an exact bill number or to limit query |
| <i>Query</i> | Full text query string to run against the search engine, URL encoded |
| <i>year</i> | Year where 1=all, 2=current, 3=recent, 4=prior, >1900=exact [Default: 2] |
| <i>Page</i> | Result set page number to return [Default: 1] |

Example Calls:

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

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

Response:

Page of search results based on relevance to the given search parameters.

JSON

```
{
  "status": "OK",
  "searchresult": {
    "summary": {
      "page": "1 of 451",
      "range": "0 - 50",
      "relevancy": "100% - 99%",
      "count": 22525,
      "query": "(Ztax: (pos=1))"
    },
    "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.

Input Parameters:

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

Example Calls:

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

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

Response:

Page of search results based on relevance to the given search parameters.

JSON

```
{
  "status": "OK",
  "searchresult": {
    "summary": {
      "page": "1 of 451",
      "range": "0 - 50",
      "relevancy": "100% - 99%",
      "count": 22525,
      "query": "(Ztax: (pos=1))"
    },
    "0": {
      "relevance": 100,
      "bill_id": 449621,
    },
    "1": {
      "relevance": 99,
      "bill_id": 431262,
    },
    "2": {
      ...
    }
  },
  ...
}
```

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 |
| 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 (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 |
| 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 text |

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 (state specific) |
| 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 |
| 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 |
| 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 | Session title |
| name | string | Normalized session name |