

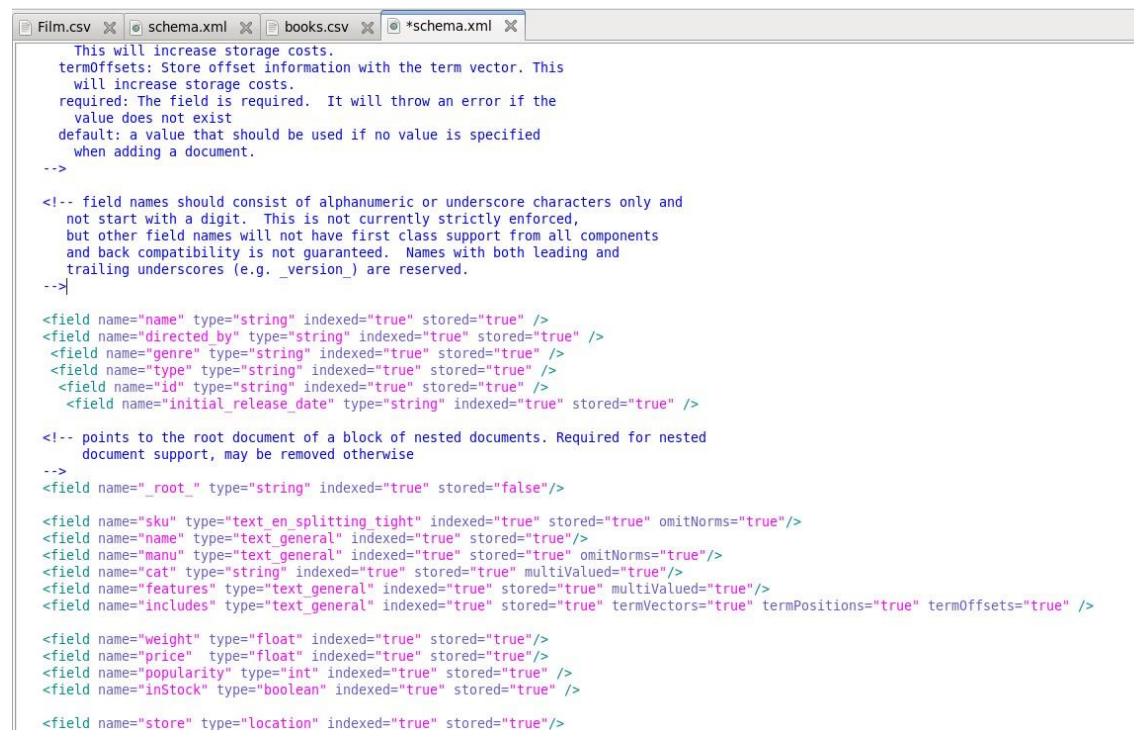
Films Dataset

Creating collection

```
[cloudera@quickstart ~]$ solrctl collection --list
logNew2 (2)
books (2)
Books (2)
films (2)
[cloudera@quickstart ~]$ solrctl config --create log_config predefinedTemplate -p immutable=false
[cloudera@quickstart ~]$ solrctl instancedir --generate $HOME/log_config
[cloudera@quickstart ~]$ solrctl collection --create lognew3 -c log_config
[cloudera@quickstart ~]$ solrctl collection --list
logNew2 (2)
books (2)
Books (2)
lognew3 (2)
films (2)
[cloudera@quickstart ~]$ solrctl instancedir --generate /tmp/Films
[cloudera@quickstart ~]$ ls /tmp/Films/conf/
admin-extra.html      clustering.lang      protwords.txt        schema_analysis_synonyms_english.json  solrconfig.xml      stopwords.txt        velocity
admin-extra.menu-bottom.html  currency.xml         _rest_managed.json  schema.xml            solrconfig.xml.secure  synonyms.txt        xslt
admin-extra.menu-top.html     elevate.xml          mapping-FoldToASCII.txt  _schema_analysis_stopwords_english.json  scripts.conf        update-script.js
[cloudera@quickstart ~]$ gedit /tmp/Films/conf/schema.xml
[cloudera@quickstart ~]$
```

- Firstly we list the collections using `--list` command.
- Then we create temporary config named `log_config` based on existing instance directory `predefinedTemplate`
- Then we created collection `lognew3` to store films data based on config `log_config`.
- Then we create schema configuration using `instancedir --generate` command.
- Then we list the files in `Films` configuration using `ls` command.
- Then we edit the schema config using `gedit` command

Editing Schema



```
This will increase storage costs.
termOffsets: Store offset information with the term vector. This
will increase storage costs.
required: The field is required. It will throw an error if the
value does not exist
default: a value that should be used if no value is specified
when adding a document.
-->

<!-- field names should consist of alphanumeric or underscore characters only and
not start with a digit. This is not currently strictly enforced,
but other field names will not have first class support from all components
and back compatibility is not guaranteed. Names with both leading and
trailing underscores (e.g. _version_) are reserved.
-->

<field name="name" type="string" indexed="true" stored="true" />
<field name="directed by" type="string" indexed="true" stored="true" />
<field name="genre" type="string" indexed="true" stored="true" />
<field name="type" type="string" indexed="true" stored="true" />
<field name="id" type="string" indexed="true" stored="true" />
<field name="initial_release_date" type="string" indexed="true" stored="true" />

<!-- points to the root document of a block of nested documents. Required for nested
document support, may be removed otherwise
-->
<field name="_root_" type="string" indexed="true" stored="false"/>

<field name="sku" type="text_en_splitting_tight" indexed="true" stored="true" omitNorms="true"/>
<field name="name" type="text_general" indexed="true" stored="true"/>
<field name="manu" type="text_general" indexed="true" stored="true" omitNorms="true"/>
<field name="cat" type="string" indexed="true" stored="true" multiValued="true"/>
<field name="features" type="text_general" indexed="true" stored="true" multiValued="true"/>
<field name="includes" type="text_general" indexed="true" stored="true" termVectors="true" termPositions="true" termOffsets="true" />

<field name="weight" type="float" indexed="true" stored="true"/>
<field name="price" type="float" indexed="true" stored="true"/>
<field name="popularity" type="int" indexed="true" stored="true" />
<field name="inStock" type="boolean" indexed="true" stored="true" />

<field name="store" type="location" indexed="true" stored="true"/>
```

- Here we create new fields according to the column names in `Film.csv` file.

- We create fields like name, directed_by, genre, type, id, and initial_release_date and specify their types.

Loading Data

Document Type: CSV

Document(s):

```
name_ss,directed_by_ss,genre_ss,type_s,id,initial_release_date_ss
45.Gary Lennon,Black comedy|Thriller|Psychological thriller|Indie film|Action Film|Crime Thriller|Crime Fiction|Drama,./en/45_2006,2006-11-30
9.Shane Acker,Computer Animation|Animation|Apocalyptic and post-apocalyptic fiction|Science Fiction|Short Film|Thriller|Fantasy,./en/9_2005,2005-04-21
69.Lee Sang-il,Japanese Movies|Drama,./en/69_2004,2004-07-10
300.Zack Snyder,Epic film|Adventure Film|Fantasy|Action Film|Historical fiction|War film|Superhero movie|Historical Epic,./en/300_2007,2006-12-09
2046.Wong Kar-wai,Romance Film|Fantasy|Science Fiction|Drama,./en/2046_2004,2004-05-20
Quien es el señor López?,Luis Mandoki,Documentary film,./en/quien_es_el_senor_lopez_2005,2005-05-20
***Weird Al*** Yankovic: The Ultimate Video Collection",Jay Leveyl***Weird Al*** Yankovic",Music
```

Commit Within: 1000

Overwrite: true

Submit Document

Status: success

Response:

```
{
  "responseHeader": {
    "status": 0,
    "QTime": 677
  }
}
```

- Here we load the csv file data into solr in the documents section and we get the status as success.

Queries

1) List all rows where films are directed by lee sang il.

Request-Handler (qt): /select

q: directed_by:Lee Sang-il

start: 0, rows: 10

Raw Query Parameters: key1=val1&key2=val2

wt: csv

indent: ☒

Schema Browser

Request: http://localhost:8983/solr/films_shard1_replica1/select?q=directed_by:Lee Sang-il&wt=csv&indent=true

Response:

```
genre_cat,,version,,price_c,,series_t,,id,,author,,title,,price,directed_by,sequence_i,,name,,author_s,,initial_release_date,inStock,genre_s
Crime Fiction|Drama,,167853295325699974,,/en/25th_hour,,,Spike Lee,,25th Hour,,12/16/2002,,
Satire|Indie Film|Music|Black comedy|Comedy-drama|Media Satire|Comedy|Drama,,167853295346411104,,/en/bamboozled,,,Spike Lee,,Bamboozled,,10/6/2000,,
Drama,,1678532953467256833,,/en/basic_emotions,,,Thomas Moon|Julie Pham|Georgia Lee,,Basic emotions,,9/9/2004,,
Romance Film|Epic Film|Drama,,1678532953534365697,,/en/brokeback_mountain,,,Ang Lee,,Brokeback Mountain,,9/2/2005,,
Romance Film|Action Film|Martial Arts Film|Drama,,1678532953642369026,,/en/crouching_tiger_hidden_dragon,,,Ang Lee,,Crouching Tiger, Hidden Dragon,,5/16/2000,,
Thriller|Horror|Drama|Mystery|Crime Fiction|East Asian cinema|World cinema,,1678532953944358912,,/en/h_2002,,,Jong-hyuk Lee,,H,,12/27/2002,,
```

- Here we used select command and specified condition as films directed by lee sang il and displayed the resulting rows.

2) List all rows where films are released in the year 2008.

The screenshot shows the BDDS web interface. On the left is a sidebar with navigation links: Overview, Analysis, Dataimport, Documents, Files, Ping, Plugins / Stats, Query (selected), Replication, and Schema Browser. The main area is titled 'Request-Handler (qt)' and contains a query editor. The query is: `select * from films where initial_release_date=2008`. Below the query editor, there are fields for 'start, rows' (0 to 10) and 'sort'. The 'Raw Query Parameters' section shows 'key1=initial_release_date' and 'key2=2008'. The 'wt' dropdown is set to 'csv'. The 'indent' checkbox is checked. The 'debugQuery' checkbox is unchecked. The 'dismax', 'edismax', 'hl', 'facet', 'spatial', and 'scroll=true' checkboxes are also present. The results pane on the right shows a list of film records, including titles like 'adam.resurrected', 'akasha.gopuram', 'american.dog', 'be.kind.rewind', 'bhooma', 'dasavatharam', 'day.of.the.dead.2007', 'death.walks.the.streets', and 'doomsday.2008'.

- Here we used select command and specified condition as films released in 2008 and displayed the resulting rows.

3) List all rows where the genre of film is disaster.

The screenshot shows the BDDS web interface. The query editor contains the query: `select * from films where genre='disaster'`. The 'start, rows' field is set to 0 to 10. The 'Raw Query Parameters' section shows 'key1=genre' and 'key2=disaster'. The 'wt' dropdown is set to 'csv'. The 'indent' checkbox is checked. The 'debugQuery' checkbox is unchecked. The 'dismax', 'edismax', 'hl', 'facet', 'spatial', and 'scroll=true' checkboxes are also present. The results pane on the right shows a list of film records, including titles like 'file.geek', 'john.bolton', 'lowlight', and 'votto.busted.shoes.and.broken.hearts'.

- Here we used select command and specified condition as movie genre as disaster and displayed the resulting rows.

4) List all rows where the films are released in the year 2010.

The screenshot shows the BDDS web interface. On the left is a sidebar with navigation links: shboard, ggging, uid, re Admin, ra Properties, read Dump, shard1, f..., Overview, Analysis, Dataimport, Documents, Files, Ping, Plugins / Stats, Query (selected), Replication, and Schema Browser. The main area is titled 'Request-Handler (qt)' and contains a 'select' command. The 'common' tab is active, showing a query: `initial_release_date=2010`. The 'Raw Query Parameters' section shows `key1=val1&key2=val2`. The 'wt' dropdown is set to 'csv'. The 'indent' checkbox is checked. The 'debugQuery' checkbox is unchecked. The 'sort' dropdown is set to 'start, rows'. The 'start, rows' section shows '0' and '10'. The 'df' section is empty. The 'Request-Handler (qt)' section shows the URL: `http://quickstart.clouders:8083/initial_release_date=2010&wt=csv&indent=true`. The response shows a list of films released in 2010, including 'Thriller|Psychological thriller|Drama,,167053295365704008,,/en/das_experiment,,,Paul Scheuring,,The Experiment,,7/15/2010,,.

- Here we used select command and specified condition as films released in year 2008 and displayed the resulting rows.

5) List all rows where the movies are directed by director Danny Boyle.

The screenshot shows the BDDS web interface. On the left is a sidebar with navigation links: shboard, ggging, uid, re Admin, ra Properties, read Dump, shard1, f..., Overview, Analysis, Dataimport, Documents, Files, Ping, Plugins / Stats, Query (selected), Replication, and Schema Browser. The main area is titled 'Request-Handler (qt)' and contains a 'select' command. The 'common' tab is active, showing a query: `directed_by="Danny Boyle"`. The 'Raw Query Parameters' section shows `key1=val1&key2=val2`. The 'wt' dropdown is set to 'csv'. The 'indent' checkbox is checked. The 'debugQuery' checkbox is unchecked. The 'sort' dropdown is set to 'start, rows'. The 'start, rows' section shows '0' and '10'. The 'df' section is empty. The 'Request-Handler (qt)' section shows the URL: `http://quickstart.clouders:8083/initial_release_date=2010&wt=csv&indent=true`. The response shows a list of movies directed by Danny Boyle, including 'Black comedy|Thriller|Psychological thriller|Indie Film|Action Film|Crime Thriller|Crime Fiction|Drama,,167053295327370272,,/en/45_11/30/2006,, Gary Lennon,,0,45,,11/30/2006,, Computer Animation|Animation|Apocalyptic and post-apocalyptic Fiction|Science Fiction|Short Film|Thriller|Fantasy,,167053295332623888,,/en/9_2005,,,Shane Acker,,9,4/21/2005,, Japanese Movies|Drama,,167053295337310464,,/en/60_2004,,,Lee Sang-il,,60,,7/10/2004,, Epic film|Adventure Film|Fantasy|Action Film|Historical fiction|War film|Superhero movie|Historical Epic,,1670532953318359040,,/en/300_2007,,,Zack Snyder,,300,,12/9/2006,, Romance Film|Fantasy|Science Fiction|Drama,,1670532953318359041,,/en/2040_2004,,,Wong Kar-wei,,2040,,5/20/2004,, Documentary film,,1670532953333359042,,/en/quien-es-el-senor-lopez,,,Luis Mandoki,,Quién es el señor López?,,, Music video|Parody,,1670532953319407616,,/en/weird-al-yankovic-the-ultimate-video-collection,,,Jay Levey|""Weird Al"" Yankovic|""The Ultimate Video Collection Art film|Romance Film|Musical|Drama|Musical Drama,,1670532953320456192,,/en/15_park_avenue,,,Aparna Sen,,15 Park Avenue,,10/27/2005,, Thriller|Action Film|Crime Fiction,,1670532953320456193,,/en/2_fast_2_furious,,,John Singleton,,2 Fast 2 Furious,,6/3/2003,, Drama,,1670532953320456194,,/en/79_rainbow_colony,,,Selvaraghavan,,79 Rainbow Colony,,10/15/2004,,.

- Here we used select command and specified condition as director as Danny Boyle and displayed the resulting rows.

Books Dataset

Creating collection

```
[cloudera@quickstart ~]$ solrctl collection --create Books -c log config
[cloudera@quickstart ~]$ solrctl instancedir --generate /tmp/Books
[cloudera@quickstart ~]$ ls /tmp/Books/conf
admin-extra.html      clustering      lang           stopwords.txt      velocity
admin-extra.menu-top.html  currency.xml   mapping-FoldToASCII.txt  protwords.txt      xslt
admin-extra.menu-top.html  elevate.xml    mapping-ISOLatin1Accent.txt  rest_managed.json  schema_analysis_synonyms_english.json  solrconfig.xml  stopwords.txt
admin-extra.menu-top.html  mapping-ISOLatin1Accent.txt  _schema_analysis_stopwords_english.json  schema.xml         solrconfig.xml.secure  synonyms.txt
[cloudera@quickstart ~]$ gedit /tmp/Books/conf/schema.xml
[cloudera@quickstart ~]$
```

- Here we create collection named Books
- Then we create schema configuration using instancedir –generate command.
- Then we list the files in Books configuration using ls command.
- Then we edit the schema config using gedit command

Editing Schema

```
default: a value that should be used if no value is specified
when adding a document.

<!-- field names should consist of alphanumeric or underscore characters only and
not start with a digit. This is not currently strictly enforced,
but other field names will not have first class support from all components
and back compatibility is not guaranteed. Names with both leading and
trailing underscores (e.g. _version_) are reserved.

<field name="id" type="string" indexed="true" stored="true" required="true" multiValued="false" />
<field name="cat" type="string" indexed="true" stored="true" required="true" multiValued="false" />
<field name="name" type="string" indexed="true" stored="true" required="true" multiValued="false" />
<field name="price" type="float" indexed="true" stored="true" required="true" multiValued="false" />
<field name="inStock" type="boolean" indexed="true" stored="true" required="true" multiValued="false" />
<field name="author" type="string" indexed="true" stored="true" required="true" multiValued="false" />
<field name="series_t" type="string" indexed="true" stored="true" required="true" multiValued="false" />
<field name="sequence_i" type="int" indexed="true" stored="true" required="true" multiValued="false" />
<field name="genre_s" type="string" indexed="true" stored="true" required="true" multiValued="false" />

<!-- points to the root document of a block of nested documents. Required for nested
document support, may be removed otherwise
-->
<field name="_root_" type="string" indexed="true" stored="false"/>

<field name="sku" type="text_en_splitting_tight" indexed="true" stored="true" omitNorms="true"/>
<field name="name" type="text_general" indexed="true" stored="true"/>
<field name="manu" type="text_general" indexed="true" stored="true" omitNorms="true"/>
<field name="cat" type="string" indexed="true" stored="true" multiValued="true"/>
<field name="features" type="text_general" indexed="true" stored="true" multiValued="true"/>
<field name="includes" type="text_general" indexed="true" stored="true" termVectors="true" termPositions="true" termOffsets="true" />

<field name="weight" type="float" indexed="true" stored="true"/>
<field name="price" type="float" indexed="true" stored="true"/>
<field name="popularity" type="int" indexed="true" stored="true" />
<field name="inStock" type="boolean" indexed="true" stored="true" />

<field name="store" type="location" indexed="true" stored="true"/>

<!-- Common metadata fields, named specifically to match up with
SolrCell metadata when parsing rich documents such as Word, PDF,
etc. Fields are automatically added to the schema when the schema is generated -->
```

- Here we create new fields according to the column names in books.csv file.
- We create fields like id, cat, name, price, inStock, author, series_t, sequence_i and genre_s and specify their types.

Loading The Data

Request-Handler (qt)
/update

Document Type
CSV

Document(s)

0553293354,book,Foundation,7.99,true,Isaac Asimov,Foundation Novels,1.scifi
0812521390,book,The Black Company,6.99,false,Glen Cook,The Chronicles of The Black Company,1,fantasy
0812550706,book,Ender's Game,6.99,true,Orson Scott Card,Ender,1.scifi
0441385532,book,The Hobbit,7.95,false,Steven Brust,Vlad Taltos,1,fantasy
0380014300,book,Nine Princes In Amber,6.99,true,Roger Zelazny,the Chronicles of Amber,1,fantasy
0805080481,book,The Book of Three,5.99,true,Lloyd Alexander,The Chronicles of Prydain,1,fantasy
080508049X,book,The Black Cauldron,5.99,true,Lloyd Alexander,The Chronicles of Prydain,2,fantasy

Commit Within
1000

Overwrite
true

Submit Document

Status: success
Response:
{
 "responseHeader": {
 "status": 0,
 "QTime": 65
 }
}

- Here we load the csv file data into solr in the documents section and we get the status as success.

Queries

1. List all rows with genre as “fantasy”

Request-Handler (qt)
/select

q
genre_s=fantasy

fq

sort

start, rows
0 10

df

Raw Query Parameters
key1=val1&key2=val2

wt
csv

☒ indent
☐ debugQuery

☐ dismax
☐ edismax
☐ hi
☐ facet
☐ spatial
☐ spellcheck

Execute Query

http://localhost:8983/solr/Books_shard1_replica1/select?q=genre_s=fantasy&wt=csv&indent=true

cat, version, price, c, series, t, id, author, price, sequence, i, name, author, s, inStock, genre, s
book,172597825952322432,"7.99",USD,"A Song of Ice and Fire,8553573483,George R.R. Martin,7.99,1,A Game of Thrones,George R.R. Martin,true,fantasy
book,1725978259545391184,"7.99",USD,"A Song of Ice and Fire,8553579908,George R.R. Martin,7.99,2,A Clash of Kings,George R.R. Martin,true,fantasy
book,1725978259557974816,"7.99",USD,"A Song of Ice and Fire,855357342X,George R.R. Martin,7.99,3,A Storm of Swords,George R.R. Martin,true,fantasy
book,1725978259562168320,"6.99",USD,"The Chronicles of The Black Company,0812521390,Glen Cook,6.99,1,The Black Company,Glen Cook,false,fantasy
book,1725978259565314848,"7.95",USD,"Vlad Taltos,0441385532,Steven Brust,7.95,1,The Hobbit,Steven Brust,false,fantasy
book,1725978259566362624,"6.99",USD,"the Chronicles of Amber,0380014300,Roger Zelazny,6.99,1,Nine Princes In Amber,Roger Zelazny,true,fantasy
book,1725978259567811280,"5.99",USD,"The Chronicles of Prydain,0805080481,Lloyd Alexander,5.99,1,The Book of Three,Lloyd Alexander,true,fantasy
book,1725978259568459776,"5.99",USD,"The Chronicles of Prydain,080508049X,Lloyd Alexander,5.99,2,The Black Cauldron,Lloyd Alexander,true,fantasy

- Here we have used select command and specified genre = fantasy and displayed all the rows with fantasy as genre.

2. List all the rows where instock value is true.

The screenshot shows the Apache Solr Admin interface. On the left is a sidebar with navigation links: Dashboard, Logging, Cloud, Core Admin, Java Properties, Thread Dump, Books_shard1 (selected), Overview, Analysis, Dataimport, Documents, Files, Ping, Plugins / Stats, Query (selected), Replication, and Schema Browser. The main panel is titled 'Request-Handler (qt)' and shows a query editor. The query is `/select?q=inStock:true`. Below the query editor, there are fields for 'fq', 'sort', 'start, rows' (set to 0 to 10), 'fl', 'df', and 'Raw Query Parameters' (set to `key1=val1&key2=val2`). The 'wt' dropdown is set to 'csv'. The 'indent' checkbox is checked. The 'debugQuery' checkbox is unchecked. The 'dismax' checkbox is unchecked. The 'hl' checkbox is unchecked. The 'facet' checkbox is unchecked. The 'spatial' checkbox is unchecked. The 'spellcheck' checkbox is unchecked. The 'Explain' button is visible at the bottom. The right panel shows the query results in CSV format, with columns: `cat, version, price c, series t, id, author, price, sequence i, name, author s, instock, genre s`. The results list several books, including 'A Song of Ice and Fire', 'A Game of Thrones', 'A Clash of Kings', 'A Storm of Swords', 'Foundation Novels', 'Ender's Game', 'The Chronicles of Amber', 'The Chronicles of Prydain', and 'The Black Cauldron'.

- Here we used select command and specified condition as `instock = true` and displayed all rows where instock is true.

3. List all the rows with genre as fantasy, instock as true and price between 7 to 8

Request-Handler (qt)

/select

-- common

q

genre_s: fantasy AND inStock: true AND price: [7 TO 8]

fq

sort

start, rows

0 10

fl

df

Raw Query Parameters

key1=val1&key2=val2

wt

csv

☒ indent

☐ debugQuery

☐ dismax

☐ edismax

☐ hl

☐ facet

☐ spatial

☐ spellcheck

Execute Query

http://quickstart.cloudenvs.com:8983/solr/Book's_shard1/replica1/select?q=genre_s+%3A+fantasy+AND+inStock+%3A+true+AND+price+%3A+%5B7+TO+8%5D&wt=csv&indent=true

cat, version, price, c, series, t, id, author, price, sequence, i, name, author_s, inStock, genre_s

book, 172597825952322432, "7.99", "USD", "A Song of Ice and Fire, 0553573403, George R.R. Martin, 7.99, 1, A Game of Thrones, George R.R. Martin, true, fantasy

book, 1725978259545391104, "7.99", "USD", "A Song of Ice and Fire, 0553579908, George R.R. Martin, 7.99, 2, A Clash of Kings, George R.R. Martin, true, fantasy

book, 1725978259557974016, "7.99", "USD", "A Song of Ice and Fire, 055357342X, George R.R. Martin, 7.99, 3, A Storm of Swords, George R.R. Martin, true, fantasy

- Here we used select command and specified condition like genre as fantasy, inStock as true and price between 7 to 8. We used AND command within the conditions.

4. List all the rows where price is between 4 and 8.

Request-Handler (qt)

/select

-- common

q

price: [4 TO 8]

fq

sort

start, rows

0 10

fl

df

Raw Query Parameters

key1=val1&key2=val2

wt

csv

☒ indent

☐ debugQuery

☐ dismax

☐ edismax

☐ hl

☐ facet

☐ spatial

☐ spellcheck

Execute Query

http://quickstart.cloudenvs.com:8983/solr/Book's_shard1/replica1/select?q=price+%3A+%5B4+TO+8%5D&wt=csv&indent=true

cat, version, price, c, series, t, id, author, price, sequence, i, name, author_s, inStock, genre_s

book, 172597825952322432, "7.99", "USD", "A Song of Ice and Fire, 0553573403, George R.R. Martin, 7.99, 1, A Game of Thrones, George R.R. Martin, true, fantasy

book, 1725978259545391104, "7.99", "USD", "A Song of Ice and Fire, 0553579908, George R.R. Martin, 7.99, 2, A Clash of Kings, George R.R. Martin, true, fantasy

book, 1725978259557974016, "7.99", "USD", "A Song of Ice and Fire, 055357342X, George R.R. Martin, 7.99, 3, A Storm of Swords, George R.R. Martin, true, fantasy

book, 1725978259560871168, "7.99", "USD", "Foundation Novels, 0553293354, Isaac Asimov, 7.99, 1, Foundation, Isaac Asimov, true, sci-fi

book, 1725978259562168320, "6.99", "USD", "The Chronicles of the Black Company, 0812521390, Glen Cook, 6.99, 1, The Black Company, Glen Cook, false, fantasy

book, 1725978259563216896, "6.99", "USD", "Ender, 0812550706, Orson Scott Card, 6.99, 1, Ender's Game, Orson Scott Card, true, sci-fi

book, 1725978259565314048, "7.95", "USD", "Vlad Taltos, 0441385532, Steven Brust, 7.95, 1, Jherog, Steven Brust, false, fantasy

book, 1725978259566362624, "6.99", "USD", "The Chronicles of Amber, 0380014300, Roger Zelazny, 6.99, 1, Nine Princes in Amber, Roger Zelazny, true, fantasy

book, 1725978259567411208, "5.99", "USD", "The Chronicles of Prydain, 0805080481, Lloyd Alexander, 5.99, 1, The Book of Three, Lloyd Alexander, true, fantasy

book, 1725978259568459776, "5.99", "USD", "The Chronicles of Prydain, 080508049X, Lloyd Alexander, 5.99, 2, The Black Cauldron, Lloyd Alexander, true, fantasy

- Here we used select command and specified condition as price between 4 to 8 and displayed all the resulting rows.

5. List all the rows where author is George R.R

The screenshot shows the Apache Solr Query interface. On the left is a sidebar with navigation links: Dashboard, Logging, Cloud, Core Admin, Java Properties, Thread Dump, Books_shard1 (selected), Overview, Analysis, Dataimport, Documents, Files, Ping, Plugins / Stats, Query (selected), *2 Replication, and Schema Browser. The main area is titled 'Request-Handler (qt)' and contains a search form. The search query is '/select' with a filter 'author : "George R.R."'. The 'fq' field is empty. The 'sort' field is empty. The 'start, rows' field is set to '0' and '10'. The 'df' field is empty. The 'Raw Query Parameters' field is set to 'key1=val1&key2=val2'. The 'wt' dropdown is set to 'csv'. The 'indent' checkbox is checked. The 'debugQuery' checkbox is unchecked. The 'dismax' checkbox is unchecked. The 'edismax' checkbox is unchecked. The 'hl' checkbox is unchecked. The 'facet' checkbox is unchecked. The 'spatial' checkbox is unchecked. The 'spellcheck' checkbox is unchecked. The 'Execute Query' button is at the bottom. On the right, the URL is 'http://quickstart.cloudera-8983/solr/Books_shard1_replica1/select?q=author+%3A+%22George+R.R.%22&wt=csv&indent=true'. The results are displayed in a table with columns: cat, version, price, c, series, t, id, author, price, sequence, i, name, author, s, inStock, genre, s. The results are:

cat	version	price	c	series	t	id	author	price	sequence	i	name	author	s	inStock	genre	s
book	172597825952232432	"7.99\,USD"					A Song of Ice and Fire	6553573403	George R.R. Martin	7.99	1	A Game of Thrones	George R.R. Martin	true	fantasy	
book	1725978259545391104	"7.99\,USD"					A Song of Ice and Fire	6553579908	George R.R. Martin	7.99	2	A Clash of Kings	George R.R. Martin	true	fantasy	
book	1725978259557974016	"7.99\,USD"					A Song of Ice and Fire	655357342X	George R.R. Martin	7.99	3	A Storm of Swords	George R.R. Martin	true	fantasy	

- Here we used select command and specified condition as author = George R.R and displayed all the resulting rows.

6. List all the rows where genre is scifi.

The screenshot shows the Apache Solr Query interface. On the left is a sidebar with navigation links: Dashboard, Logging, Cloud, Core Admin, Java Properties, Thread Dump, Books_shard1 (selected), Overview, Analysis, Dataimport, Documents, Files, Ping, Plugins / Stats, Query (selected), *2 Replication, and Schema Browser. The main area is titled 'Request-Handler (qt)' and contains a search form. The search query is '/select' with a filter 'genre : scifi'. The 'fq' field is empty. The 'sort' field is empty. The 'start, rows' field is set to '0' and '10'. The 'df' field is empty. The 'Raw Query Parameters' field is set to 'key1=val1&key2=val2'. The 'wt' dropdown is set to 'csv'. The 'indent' checkbox is checked. The 'debugQuery' checkbox is unchecked. The 'dismax' checkbox is unchecked. The 'edismax' checkbox is unchecked. The 'hl' checkbox is unchecked. The 'facet' checkbox is unchecked. The 'spatial' checkbox is unchecked. The 'spellcheck' checkbox is unchecked. The 'Execute Query' button is at the bottom. On the right, the URL is 'http://quickstart.cloudera-8983/solr/Books_shard1_replica1/select?q=genre_s+%3A+scifi&wt=csv&indent=true'. The results are displayed in a table with columns: cat, version, price, c, series, t, id, author, price, sequence, i, name, author, s, inStock, genre, s. The results are:

cat	version	price	c	series	t	id	author	price	sequence	i	name	author	s	inStock	genre	s
book	1725978259560071168	"7.99\,USD"					Foundation Novels	0553293354	Isaac Asimov	7.99	1	Foundation	Isaac Asimov	true	scifi	
book	1725978259563216896	"6.99\,USD"					Ender	0812550706	Orson Scott Card	6.99	1	Ender's Game	Orson Scott Card	true	scifi	

- Here we used select command and specified genre as scifi and displayed all the resulting rows.