# Apache Solr - Updating Data

## Updating the Document Using XML

Following is the XML file used to update a field in the existing document. Save this in a file with the name **update.xml**.

**Note:** csv/xml files are already saved in “exercise_files” directory. Use vscode to view files.

```
<add>
   <doc>
      <field name = "id">001</field>
      <field name = "first name" update = "set">Raj</field>
      <field name = "last name" update = "add">Malhotra</field>
      <field name = "phone" update = "add">9000000000</field>
      <field name = "city" update = "add">Delhi</field>
   </doc>
</add>
```

As you can observe, the XML file written to update data is just like the one which we use to add documents. But the only difference is we use the **update** attribute of the field.

In our example, we will use the above document and try to update the fields of the document with the id **001**.

Suppose the XML document exists in the **bin** directory of Solr. Since we are updating the index which exists in the core named **my_core**, you can update using the **post** tool as follows −

```
[Hadoop@localhost bin]$ post -c my_core update.xml
```

On executing the above command, you will get the following output.

```
/home/Hadoop/java/bin/java -classpath
/home/Hadoop/Solr/dist/Solr-core
6.2.0.jar -Dauto = yes -Dc = my_core -Ddata = files
org.apache.Solr.util.SimplePostTool update.xml
SimplePostTool version 5.0.0
Posting files to [base] url
http://localhost:8983/Solr/my_core/update...
Entering auto mode. File endings considered are
xml,json,jsonl,csv,pdf,doc,docx,ppt,pptx,xls,xlsx,odt,odp,ods,ott
,otp,ots,rtf,
htm,html,txt,log
POSTing file update.xml (application/xml) to [base]
1 files indexed.
COMMITting Solr index changes to
http://localhost:8983/Solr/my_core/update...
Time spent: 0:00:00.159
```

## Verification

Visit the homepage of Apache Solr web interface and select the core as **my_core**. Try to retrieve all the documents by passing the query ":" in the text area **q** and execute the query. On executing, you can observe that the document is updated.