

EBINESH K– CSE FINAL YEAR

QUESTION

Read about Apache Solr: [Solr Tutorial](#).

1. Install Solr on your local machine.
2. Create a collection in Solr.
3. Index the Employee data from <https://www.kaggle.com/datasets/williamlucas0/employee-sample-data>

STEP 1:

Apache solr installation: version 8.11.4

STEP 2:

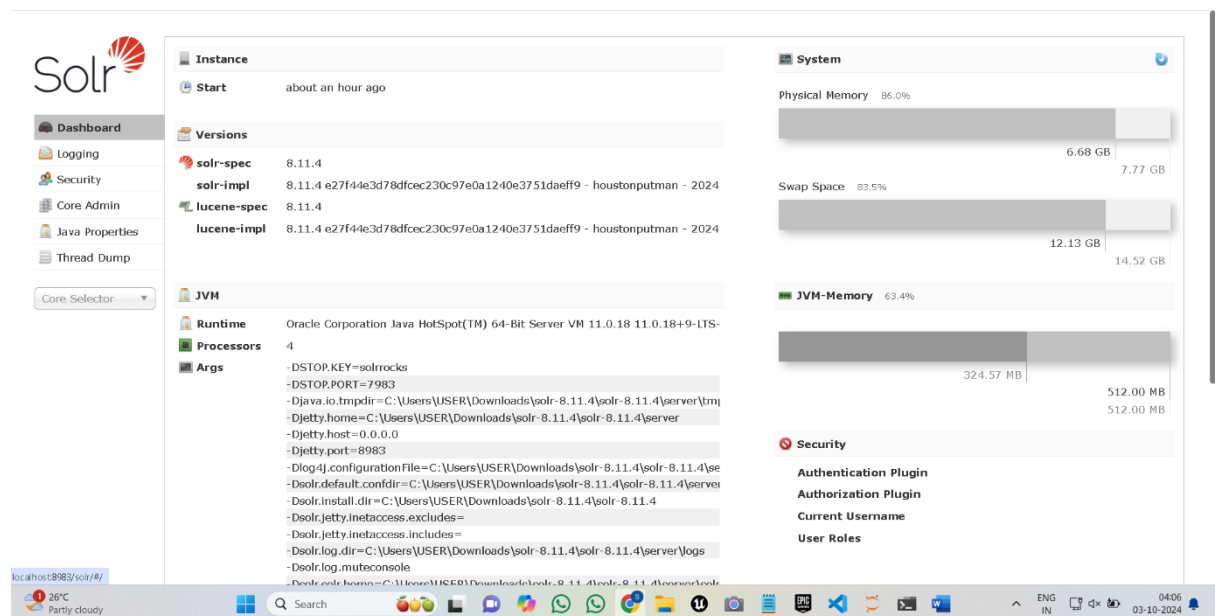
Java installation latest Version: JDK 23

STEP 3:

Start Solr: **bin/solr start**

STEP 4:

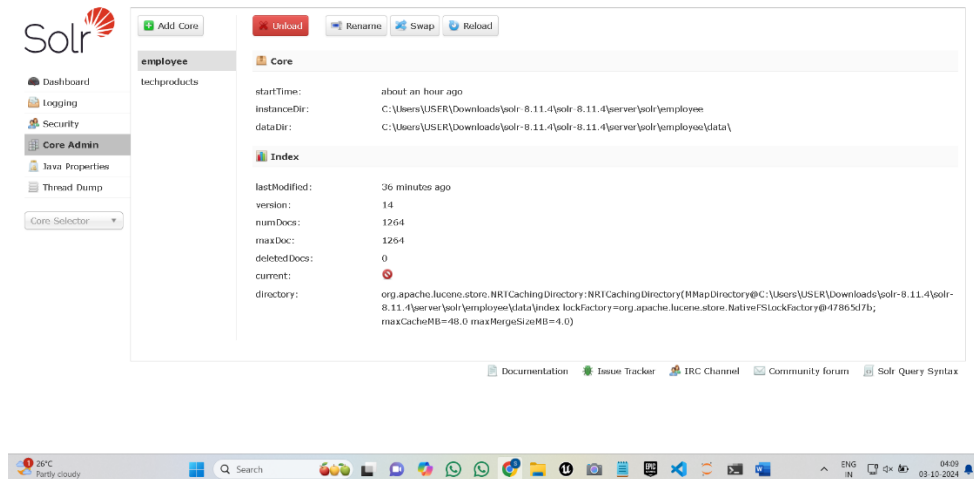
Open Solr in Browser



STEP 5:

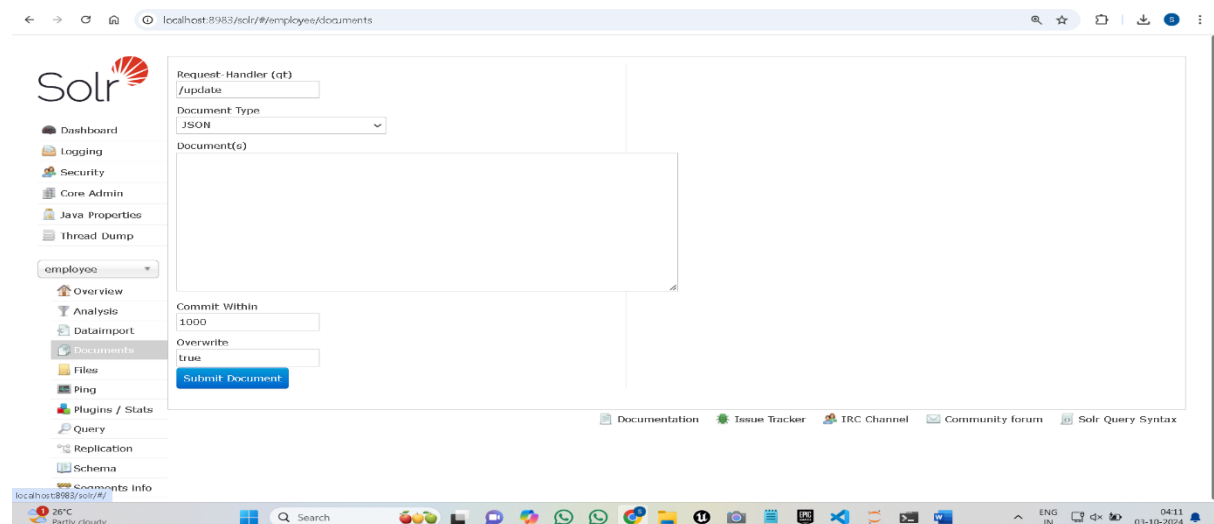
Create a Core Admin

As Employee



STEP 6:

Upload the Documents:



STEP 7:

You can ask query like:

http://localhost:8983/solr/employee/select?q=employee_name:John

It will work Return the Result

Pretty-print ☐

```
{
  "responseHeader": {
    "status": 400,
    "QTime": 3,
    "params": {
      "q": "employee_name:John"
    }
  },
  "error": {
    "metadata": [
      "error-class", "org.apache.solr.common.SolrException",
      "root-error-class", "org.apache.solr.common.SolrException"
    ],
    "msg": "undefined field employee_name",
    "code": 400
  }
}
```