

# ContentStreamUpdateRequestExample

This is the complete implementation of a class which uses ContentStreamUpdateRequest to send data to the [ExtractingRequestHandler](#).

```
package javaapplicationsolrcell;

import java.io.File;
import java.io.IOException;
import org.apache.solr.client.solrj.SolrServer;
import org.apache.solr.client.solrj.SolrServerException;

import org.apache.solr.client.solrj.request.AbstractUpdateRequest;
import org.apache.solr.client.solrj.response.QueryResponse;
import org.apache.solr.client.solrj.SolrQuery;
import org.apache.solr.client.solrj.impl.CommonsHttpSolrServer;
import org.apache.solr.client.solrj.request.ContentStreamUpdateRequest;

/**
 * @author EDaniel
 */
public class SolrExampleTests {

    public static void main(String[] args) {
        try {
            //Solr cell can also index MS file (2003 version and 2007 version) types.
            String fileName = "c:/Sample.pdf";
            //this will be unique Id used by Solr to index the file contents.
            String solrId = "Sample.pdf";

            indexFilesSolrCell(fileName, solrId);

        } catch (Exception ex) {
            System.out.println(ex.toString());
        }
    }

    /**
     * Method to index all types of files into Solr.
     * @param fileName
     * @param solrId
     * @throws IOException
     * @throws SolrServerException
     */
    public static void indexFilesSolrCell(String fileName, String solrId)
        throws IOException, SolrServerException {

        String urlString = "http://localhost:8983/solr";
        SolrServer solr = new CommonsHttpSolrServer(urlString);

        ContentStreamUpdateRequest up
            = new ContentStreamUpdateRequest("/update/extract");

        up.addFile(new File(fileName));

        up.setParam("literal.id", solrId);
        up.setParam("uprefix", "attr_");
        up.setParam("fmap.content", "attr_content");

        up.setAction(AbstractUpdateRequest.ACTION.COMMIT, true, true);

        solr.request(up);

        QueryResponse rsp = solr.query(new SolrQuery("*:~"));

        System.out.println(rsp);
    }
}
```