

Post.jar

[SimplePostTool](#), also called post.jar, is a simple self-contained command line tool for indexing data to Solr. It is not meant for production use, but a quick way to get up to speed.

post.jar resides inside the Solr distribution, in the folder "example/exampledocs". It is made as a single .java file (see [SVN](#)) without dependencies, so it does on purpose not use SolrJ.

The tool can index both XML/JSON/CSV structured files as well as a file tree of rich text documents. It also includes a simple web crawler.

Note that you do not *need* to use this tool to index data to Solr. Solr uses standards based HTTP protocol, so you can use any tool or library capable of communicating over HTTP GET/POST, such as for instance the popular [curl](#) tool.

Usage

```
java [SystemProperties] -jar post.jar
[-h|-] [<file|folder|url|arg> [<file|folder|url|arg>...]]
```

Examples

Get full help:

```
cd solr/example/exampledocs
java -jar post.jar -h
```

Post a single XML file in Solr's Update XML format:

```
java -jar post.jar *.xml
```

Send XML instructions directly on the command line, e.g. to delete a document:

```
java -Ddata=args -jar post.jar '<delete><id>42</id></delete>'
```

Post a JSON document, specifying the content-type:

```
java -Dtype=application/json -jar post.jar *.json
```

Post all CSV, XML, JSON and PDF documents using AUTO mode which detects type based on file name:

```
java -Dauto -jar post.jar *.csv *.xml *.json *.pdf
```

Posts all content of a folder recursively, with auto detection of file type and selecting correct handler:

```
java -Dauto -Drecursive -jar post.jar my-folder
```

Same as above. Post a folder recursively, but only index PPT and HTML file types:

```
java -Dauto -Dfiletypes=ppt,html -jar post.jar my-folder
```

Send the contents of a URL:

```
java -Ddata=web -jar post.jar http://example.no/
```

Crawl a web site recursively (default 1 level):

```
java -Ddata=web -Drecursive -jar post.jar http://example.no/
```