FFHS IR 2019 Documentation

Release 0.0.1

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1 Solr Index

This section covers building the Apache Solr index to hold summarization data.

1.1 Creating The Core

The core is automatically created when the docker container is initialized. A python script *create_index.py* automatically tries to create the core and exits without error if the core already exists.

```
 1    while retry:
 2        try:
 3            sys.stdout.write('Creating index "summaries"...')
 4            response = request.urlopen(urljoin(args.base_url, '/solr/admin/cores?
      ↪action=CREATE&name=summaries'))
 5            retry = False
 6            sys.stdout.write('ok.')
 7        except HTTPError as e:
 8            sys.stdout.write('Index already exists, will exit...\n')
 9            retry = False
10            exit(0)
11        except (RemoteDisconnected, URLError):
12            sys.stdout.write('Solr container not yet available, retrying in 5 seconds.
      ↪..\n')
13            sleep(5)
14            retries += 1
15
```

```
16        if retries > 10:
17            sys.stdout.write('Solr container never became available, giving up.')
18            exit(1)
```

2 Indices and tables

- genindex
- modindex
- search