Configuration Files

This documentation is for Release 7.x and above.
For older releases:

> **Note**
>
> Changes to configuration files often require restarting Avalon to take affect. They also require Sidekiq (the background jobs processor) to be restarted.
>
> It's recommended to override the default settings by creating a `config/settings/<environment>.local.yml` instead of modifying the `config/settings.yml` directly.
>
> You can also use environment variables, for example `SETTINGS__DOMAIN__HOST` maps to `Settings.domain.host`.

> Since the Config gem doesn't support arrays in environment variable, `Settings.auth.configuration` needs special handling, every entry needs to have a key, eg:
>
> ```
> SETTINGS__AUTH__CONFIGURATION__IU__NAME=Indiana University
> SETTINGS__AUTH__CONFIGURATION__IU__PROVIDER=cas
> SETTINGS__AUTH__CONFIGURATION__IU__PARAMS__CLIENT_ID=client_id_value
> SETTINGS__AUTH__CONFIGURATION__IU__PARAMS__CLIENT_SECRET=client_secret_value
> ```

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Avalon Web Application

config /settings. yml	
Contents	Environment-specific Avalon configuration options
Format	YAML
Example	```production:

 name: 'Avalon' # used in page titles

 domain:
   host: localhost
   port: 3000
   protocol: http

 bib_retriever:
   protocol: sru
   url: http://zgate.library.example.edu:9000/catdb
   query: rec.id=%{bib_id}
``` |

```yaml
  controlled_vocabulary:

    path: 'config/controlled_vocabulary.yml'

  dropbox:
    path: '/usr/local/masterfiles/dropbox/'
    upload_uri: 'sftp://localhost/srv/avalon/dropbox'

  encoding:
    engine_adapter: ffmpeg
    presets_path: config/ffmpeg_presets.yml
    working_file_path: '/usr/local/masterfiles'

  email:
    comments: 'digitalcollections@northwestern.edu'
    notification: 'digitalcollections@northwestern.edu'
    support:'digitalcollections@northwestern.edu'
    mailer: :smtp # or aws_sdk if using Amazon SES
    config:
      address: 'mail-relay.iu.edu'
      port: 587
      enable_starttls_auto: false

  ffmpeg:
    path: '/usr/bin/ffmpeg'

  fedora:
    namespace: 'numedia'

  groups:
    system_groups: ['administrator', 'group_manager', 'manager']

  mediainfo:
    path: '/usr/bin/mediainfo'
  streaming:
    server: :nginx # or :wowza
    content_path: /var/avalon/derivatives
    http_base: http://localhost:3000/streams
    stream_token_ttl: 20 #minutes
  master_file_management:
    strategy: 'move'
    path: '/mnt/diskarray/avalon-archive'
  minio: # if using
    endpoint: http://minio:9000
    public_host: http://localhost:9000 # if different from endpoint
    access: <minio access key>
    secret: <minio secret key>
  flash_message:
    type: ['success', 'notice', 'error', 'alert']
    message: '<p>A test message.</p>'

  solr:
    configset: avalon
    configset_source_path: <%= File.join(Rails.root, 'solr', 'config') %>
    collection_options:
    async:
    auto_add_replicas:
    collection:
    config_name: avalon
    create_node_set:
    max_shards_per_node:
    num_shards: 1
    replication_factor:
    router:
    name:
    field:
    rule:
    shards:
    snitch:
  zookeeper:
    connection_str: "localhost:9983/configs"

redis:
host: localhost
port: 6379
```

```
controlled_vocabulary:
  path: config/controlled_vocabulary.yml
auth:
  configuration:
  # List of available Authentication Providers and associated configurations.
  # The name and logo settings are used when displaying multiple auth providers to choose from at
login time.
  # provider and params are passed directly to config.omniauth as described in the Devise OmniAuth
Overview.
  - :name: Avalon Test Auth
    :provider: :identity
    :params:
    :fields:
    - :email
  - :name: Avalon Lti OAuth
    :provider: :lti
    :hidden: true
    :params:
    :oauth_credentials:
        somekey: somevalue

  - :name: My LDAP Server
    :logo: auth_provider_logo.png
    :provider: :ldap
    :params:
      :method: :ssl
      :host: ldap.example.edu
      :port: 636
      :bind_dn: cn=avalon,ou=service,dc=example,dc=edu
      :password: avalon_bind_password
timeliner:
  timeliner_url: https://spruce.dlib.indiana.edu/timeliner
home_page:
  featured_collections: ['7m01bk80s', 'qz20ss619']
  carousel_collections: ['v118rd550', 'pn89d6567', 'mp48sc83h', 'qz20ss50s']
```

Notes	[Managing Master Files](#) explains available strategies for how avalon can handle master files after they have been processed.
	[Bibliographic Import Configuration](#) explains how to configure Avalon to import metadata from an external source such as an OPAC.
	Config overwrites should be placed in `config/settings/<environment>.local.yml`
	If using env var, set `SETTINGS__EMAIL__MAILER=aws_sdk` to send emails using Amazon SES

config/database.yml

Purpose	Environment-specific database connection information for Rails.
Format	YAML
| Example | ```
production:
  adapter: mysql2
  host: localhost
  database: rails
  username: rails
  password: rails
  pool: 5
  timeout: 5000
``` |
| Notes | See [Configuring a Database](#) in the Ruby on Rails Getting Started Guide for more options. Changing the database adapter will require updating Gemfile to require the correct adapter. [Here](#) are the instructions for installing the mysql adapter called mysql2. |
| | |

config/fedora.yml

Contents	Environment-specific Fedora repository connection information for Hydra
Format	YAML

| Example | ```
production:
  user: fedoraAdmin
  password: fedoraAdmin
  url: http://127.0.0.1:8984/fedora4/rest
 base_path: /prod
``` |
| --- | --- |
| | |

config/intercom.yml

Contents	Configuration for optional Intercom feature. Allows this instance on Avalon to push contents to another instance of Avalon.
Format	YAML
| Example | ```
intercom:
  default:
    url: https://some.avalon.com/
    api_token: a_valid_token
    import_bib_record: true
    publish: false
    push_label: text for the 'push' button
``` |
| Notes | Intercom utilizes the Ingest API and requires an API token to connect. This token is generated on the target Avalon with `bundle exec rake avalon:token:generate username=archivist email=archivist1 @example.com`

The streaming files will remain in place. Both instances of Avalon must be able to stream from that location. |
| | |

config/solr.yml

Purpose	Environment-specific Solr connection information for Hydra
Format	YAML
| Example | ```
production:
  url: http://localhost:8983/solr/avalon
``` |
| | |

config/role_map_<environment>.yml

Contents	Role groups and associated members to initialize the Hydra access controls database with
Format	YAML
| Example | ```
collection_manager:
  - archivist1@example.edu
  - archivist2@example.edu
group_manager:
  - donor1@example.com
manager:
  - researcher1@example.edu
administrator:
  - user1@example.edu
  - user2@otherinstitution.edu
``` |
| Notes | Example environments: development, production, test. So the filename would look like role_map_production.yml for the production environment. |

config/controlled_vocabulary.yml

See Managing Controlled Vocabularies.

config/secrets.yml

Rails 4+ uses a secrets.yml file to store a secret key used for signed cookies as well as other things. See http://edgeguides.rubyonrails.org/upgrading_ruby_on_rails.html#config-secrets-yml for more information.