

Saltstraumen

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Namespace Index

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Chapter 6

Namespace Documentation

6.1 arraytest Namespace Reference

Variables

- dictionary [animal](#)
- dictionary [person](#)
- list [barnyard](#) = []
- string [SubSystem](#) = 'Navy'
- list [build](#)

6.1.1 Variable Documentation

6.1.1.1 animal

dictionary arraytest.animal

Initial value:

```
1 = {  
2     'cow': 'moo',  
3     'pig': 'oink'  
4 }
```

6.1.1.2 barnyard

```
list arraytest.barnyard = []
```

6.1.1.3 build

list arraytest.build

Initial value:

```

1 = [
2     {
3         "Type":                SubSystem,
4         "ThingToBuild":        "fighter",
5         "RequiredResearch":     "",
6         "RequiredShipSubSystems": "",
7         "DisplayPriority":       0,
8         "DisplayedName":         "$7000",
9         "Description":          "$7001"
10    },
11    {
12        "Type":                SubSystem,
13        "ThingToBuild":        "corvette",
14        "RequiredResearch":     "",
15        "RequiredShipSubSystems": "",
16        "DisplayPriority":       0,
17        "DisplayedName":         "$7002",
18        "Description":          "$7003"
19    },
20    {
21        "Type":                SubSystem,
22        "ThingToBuild":        "frigate",
23        "RequiredResearch":     "",
24        "RequiredShipSubSystems": "",
25        "DisplayPriority":       0,
26        "DisplayedName":         "$7004",
27        "Description":          "$7005"
28    }
29 ]

```

6.1.1.4 person

dictionary arraytest.person

Initial value:

```

1 = {
2     'fred': 'male',
3     'sally': 'female'
4 }

```

6.1.1.5 SubSystem

string arraytest.SubSystem = 'Navy'

6.2 basictest Namespace Reference

Variables

- string [configfile_name](#) = './salt-main.toml'
- string [statefile_name](#) = './salt-state.toml'
- [main_config](#) = [MainConfigInfo](#)()
- [q](#) = [main_config.state_fname](#)()
- [state_config](#) = [StateConfigInfo](#)()

- `f` = `state_config.check_feed_num()`
- `now_unix` = `time.time()`
- `now_iso` = `datetime.now(timezone.utc).isoformat()`
- `lastread_iso` = `state_config['FEED_1']['feed_last_read_iso']`
- `lastread_unix` = `time.strptime(lastread_iso, "%Y-%m-%dT%H:%M:%S.%f%z")`
- `feed1_url` = `main_config['FEED_1']['URL']`
- `feed1` = `feedparser.parse(feed1_url)`
- `items_retrieved` = `len(feed1['entries'])`
- `entries_retrieved` = `feed1['entries']`
- `sorted_entries` = `sorted(entries_retrieved, reverse = True, key=attrgetter('published_parsed'))`
- `list boolean_list` = `[None] * items_retrieved`
- `list publish_dates` = `[None] * items_retrieved`
- `compare_date_unix` = `unix_time_now()`
- `most_recent` = `entries_retrieved[0]`
- `oldest` = `entries_retrieved[items_retrieved-1]`
- `python_time` = `most_recent['published_parsed']`
- `s` = `python_time`
- `dt` = `datetime(*s[:6], tzinfo=timezone.utc)`
- `rtime` = `calendar.timegm(s)`

6.2.1 Variable Documentation

6.2.1.1 `boolean_list`

```
list basictest.boolean_list = [None] * items_retrieved
```

6.2.1.2 `compare_date_unix`

```
basictest.compare_date_unix = unix_time_now()
```

6.2.1.3 `configfile_name`

```
string basictest.configfile_name = './salt-main.toml'
```

6.2.1.4 `dt`

```
basictest.dt = datetime(*s[:6], tzinfo=timezone.utc)
```

6.2.1.5 entries_retrieved

```
basictest.entries_retrieved = feed1['entries']
```

6.2.1.6 f

```
basictest.f = state_config.check_feed_num()
```

6.2.1.7 feed1

```
basictest.feed1 = feedparser.parse(feed1_url)
```

6.2.1.8 feed1_url

```
basictest.feed1_url = main_config['FEED_1']['URL']
```

6.2.1.9 items_retrieved

```
basictest.items_retrieved = len(feed1['entries'])
```

6.2.1.10 lastread_iso

```
basictest.lastread_iso = state_config['FEED_1']['feed_last_read_iso']
```

6.2.1.11 lastread_unix

```
basictest.lastread_unix = time.strptime(lastread_iso, "%Y-%m-%dT%H:%M:%S.%f%z")
```

6.2.1.12 main_config

```
basictest.main_config = MainConfigInfo()
```

6.2.1.13 most_recent

```
basictest.most_recent = entries_retrieved[0]
```

6.2.1.14 now_iso

```
basictest.now_iso = datetime.now(timezone.utc).isoformat()
```

6.2.1.15 now_unix

```
basictest.now_unix = time.time()
```

6.2.1.16 oldest

```
basictest.oldest = entries_retrieved[items_retrieved-1]
```

6.2.1.17 publish_dates

```
list basictest.publish_dates = [None] * items_retrieved
```

6.2.1.18 python_time

```
basictest.python_time = most_recent['published_parsed']
```

6.2.1.19 q

```
basictest.q = main_config.state_fname()
```

6.2.1.20 rtime

```
basictest.rtime = calendar.timegm(s)
```

6.2.1.21 s

```
basictest.s = python_time
```

6.2.1.22 sorted_entries

```
basictest.sorted_entries = sorted(entries_retrieved, reverse = True, key=attrgetter('published←←_parsed'))
```

6.2.1.23 state_config

```
basictest.state_config = StateConfigInfo()
```

6.2.1.24 statefile_name

```
string basictest.statefile_name = './salt-state.toml'
```

6.3 BlueVortex-v2 Namespace Reference

Variables

- string `maincf` = 'salt-main.toml'
- `mcfdata` = `MainConfigInfo.read(maincf)`
- tuple `statecf` = (`mcfdata`['GENERAL']["Statefile"])
- `scinfo` = `StateConfigInfo.read(statecf)`
- `numfeedState` = `StateConfigInfo.check_feed_nums(scinfo)`
- `numfeeds` = `MainStateConsistency.feeds(maincf, statecf)`
- `alist` = `FetchFeeds.find_feeds(mcfdata)`
- list `feedData` = [0] * `numfeeds`
- list `itemsPerFeed` = [0] * `numfeeds`
- list `flrtimes_unix` = [0] * `numfeeds`
- list `flrtimes_iso` = [0] * `numfeeds`
- list `pflrtimes_u` = [0] * `numfeeds`
- list `pflrtimes_i` = [0] * `numfeeds`
- `now1` = `unix_time_now()`
- `now2` = `unix_time_now()`
- `u_scinfo` = `StateConfigInfo.update_entry_times(feedData,scinfo)`
- `j` = `StateConfigInfo.write_info(statecf, u_scinfo)`
- list `reftimes` = [0,0]
- `leData` = `HolderFedFeed(feedData)`
- `y` = `leData.feedQ`
- `z` = `leData.counter[i]['numE']`

- `lDe` = `leData.feeds[i][j]`
- `e` = `FedFeedEntry()`
- `tf` = `e.checkEntry2Pub (lDe,reftimes[i])`
- `toDoE` = `len (leData.UniFeed)`
- `keepgoing` = `bool(True)`
- `list midQueue` = `[]`
- `t` = `leData.newQueueExgest(i)`
- `a` = `entryCreate (t,i)`
- `b` = `t.get('media_content')`
- `mca` = `MediaContentAttach(t)`
- `altText` = `GetAltText(t)`
- `int skip` = `1`
- `int noblobs` = `1`
- `count` = `len(midQueue)`
- `Bcred` = `BskyCredentials()`
- `acct_name` = `mcfdata['BSKY_ACCOUNT']['Username']`
- `appPass` = `mcfdata['BSKY_ACCOUNT']['App_passwd']`
- `creds` = `Bcred.show_creds()`
- `myPastPosts` = `BskyFeed.get_author_feed(creds, 20)`
- `bpost` = `PostXwalk()`
- `sessT` = `Bcred.get_sessT()`
- `myDID` = `Bcred.myDID()`
- `list bskyQueue` = `[]`
- `mQe` = `i`
- `string noBlobs` = `'no blobs'`
- `lsSen` = `bpost.checkSensitive()`
- `bPuck` = `BskyPostPuck()`
- `string blobpost` = `'yes'`
- `uu_scinfo` = `StateConfigInfo.update_bsky_now (u_scinfo)`

6.3.1 Variable Documentation

6.3.1.1 `a`

```
BlueVortex-v2.a = entryCreate (t,i)
```

6.3.1.2 `acct_name`

```
BlueVortex-v2.acct_name = mcfdata['BSKY_ACCOUNT']['Username']
```

6.3.1.3 `alist`

```
BlueVortex-v2.alist = FetchFeeds.find_feeds(mcfdata)
```

6.3.1.4 altText

```
BlueVortex-v2.altText = GetAltText(t)
```

6.3.1.5 appPass

```
BlueVortex-v2.appPass = mcfddata['BSKY_ACCOUNT']['App_passwd']
```

6.3.1.6 b

```
BlueVortex-v2.b = t.get('media_content')
```

6.3.1.7 Bcred

```
BlueVortex-v2.Bcred = BskyCredentials()
```

6.3.1.8 blobpost

```
string BlueVortex-v2.blobpost = 'yes'
```

6.3.1.9 bpost

```
BlueVortex-v2.bpost = PostXwalk()
```

6.3.1.10 bPuck

```
BlueVortex-v2.bPuck = BskyPostPuck()
```

6.3.1.11 bskyQueue

```
list BlueVortex-v2.bskyQueue = []
```


6.3.1.12 count

```
BlueVortex-v2.count = len(midQueue)
```

6.3.1.13 creds

```
BlueVortex-v2.creds = Bcred.show_creds()
```

6.3.1.14 e

```
BlueVortex-v2.e = FedFeedEntry()
```

6.3.1.15 feedData

```
list BlueVortex-v2.feedData = [0] * numfeeds
```

6.3.1.16 flrtimes_iso

```
list BlueVortex-v2.flrtimes_iso = [0] * numfeeds
```

6.3.1.17 flrtimes_unix

```
list BlueVortex-v2.flrtimes_unix = [0] * numfeeds
```

6.3.1.18 IsSen

```
BlueVortex-v2.IsSen = bpost.checkSensitive()
```

6.3.1.19 itemsPerFeed

```
list BlueVortex-v2.itemsPerFeed = [0] * numfeeds
```

6.3.1.20 j

```
BlueVortex-v2.j = StateConfigInfo.write_info(statecf, u_scinfo)
```

6.3.1.21 keepgoing

```
BlueVortex-v2.keepgoing = bool(True)
```

6.3.1.22 lDe

```
BlueVortex-v2.lDe = leData.feeds[i][j]
```

6.3.1.23 leData

```
BlueVortex-v2.leData = HolderFedFeed(feedData)
```

6.3.1.24 maincf

```
string BlueVortex-v2.maincf = 'salt-main.toml'
```

6.3.1.25 mca

```
dictionary BlueVortex-v2.mca = MediaContentAttach(t)
```

6.3.1.26 mcfddata

```
BlueVortex-v2.mcfddata = MainConfigInfo.read(maincf)
```

6.3.1.27 midQueue

```
list BlueVortex-v2.midQueue = []
```

6.3.1.28 mQe

```
BlueVortex-v2.mQe = i
```

6.3.1.29 myDID

```
BlueVortex-v2.myDID = Bcred.myDID()
```

6.3.1.30 myPastPosts

```
BlueVortex-v2.myPastPosts = BskyFeed.get_author_feed(creds, 20)
```

6.3.1.31 noblobs

```
int BlueVortex-v2.noblobs = 1
```

6.3.1.32 noBlobs

```
string BlueVortex-v2.noBlobs = 'no blobs'
```

6.3.1.33 now1

```
BlueVortex-v2.now1 = unix_time_now()
```

6.3.1.34 now2

```
BlueVortex-v2.now2 = unix_time_now()
```

6.3.1.35 numfeeds

```
BlueVortex-v2.numfeeds = MainStateConsistency.feeds (maincf, statecf)
```

6.3.1.36 numfeedState

```
BlueVortex-v2.numfeedState = StateConfigInfo.check_feed_nums (scinfo)
```

6.3.1.37 pflrtimes_i

```
list BlueVortex-v2.pflrtimes_i = [0] * numfeeds
```

6.3.1.38 pflrtimes_u

```
list BlueVortex-v2.pflrtimes_u = [0] * numfeeds
```

6.3.1.39 reftimes

```
list BlueVortex-v2.reftimes = [0,0]
```

6.3.1.40 scinfo

```
BlueVortex-v2.scinfo = StateConfigInfo.read(statecf)
```

6.3.1.41 sessT

```
BlueVortex-v2.sessT = Bcred.get_sessT()
```

6.3.1.42 skip

```
int BlueVortex-v2.skip = 1
```

6.3.1.43 statecf

```
tuple BlueVortex-v2.statecf = (mcfddata['GENERAL']['Statefile'])
```

6.3.1.44 t

```
BlueVortex-v2.t = leData.newQueueExgest(i)
```

6.3.1.45 tf

```
BlueVortex-v2.tf = e.checkEntry2Pub (lDe, reftimes[i])
```

6.3.1.46 toDoE

```
BlueVortex-v2.toDoE = len (leData.UniFeed)
```

6.3.1.47 u_scinfo

```
BlueVortex-v2.u_scinfo = StateConfigInfo.update_entry_times(feedData, scinfo)
```

6.3.1.48 uu_scinfo

```
BlueVortex-v2.uu_scinfo = StateConfigInfo.update_bsky_now (u_scinfo)
```

6.3.1.49 y

```
BlueVortex-v2.y = leData.feedQ
```

6.3.1.50 z

```
BlueVortex-v2.z = leData.counter[i]['numE']
```

6.4 classfoo Namespace Reference

Classes

- class [A](#)
- class [B](#)

Variables

- `a = A()`
- `b = B()`

6.4.1 Variable Documentation

6.4.1.1 a

```
classfoo.a = A()
```

6.4.1.2 b

```
classfoo.b = B()
```

6.5 config_feed_objsmeth Namespace Reference

Classes

- class `MainConfigInfo`
- class `StateConfigInfo`

Functions

- def `chk_main_state` (mainconfigfilename, stateconfigfilename)
- def `open_read_mconfig` (mainconfigfile_name)
- def `find_feeds` (main_config_info)
- def `fetch_feed` (URL)
- def `enumerate_feed_items` (feed)
- def `sort_entries` (a_feed)
- def `feedHandleFetchSort` (numfeeds, mainconfigdata)

6.5.1 Function Documentation

6.5.1.1 chk_main_state()

```
def config_feed_objsmeth.chk_main_state (
    mainconfigfilename,
    stateconfigfilename )
```

Open both the main and state config files
from file names and check to see if feeds are consistent.
If not consistent, throw an error and quit
Suggest in error message to recreate state file config
using class/routine StateConfigInfo.create
and editing as needed

6.5.1.2 enumerate_feed_items()

```
def config_feed_objsmeth.enumerate_feed_items (
    feed )
```

Describe how many entries are in a feed

6.5.1.3 feedHandleFetchSort()

```
def config_feed_objsmeth.feedHandleFetchSort (
    numfeeds,
    mainconfigdata )
```

this idea of rolling up these calls might not be good

6.5.1.4 fetch_feed()

```
def config_feed_objsmeth.fetch_feed (
    URL )
```

fetch a feed

6.5.1.5 find_feeds()

```
def config_feed_objsmeth.find_feeds (
    main_config_info )
```

Return a small structure with the feed URLs

6.5.1.6 open_read_mconfig()

```
def config_feed_objsmeth.open_read_mconfig (
    mainconfigfile_name )
```

Function to read main config file
And open state file based on info in main config file

6.5.1.7 sort_entries()

```
def config_feed_objsmeth.sort_entries (
    a_feed )
```

sort one feed
Merge sorted entries back into feed

6.6 configread Namespace Reference

Variables

- string `mainconfigfile_name` = './salt-main.toml'
- `toml_in` = `toml.load(mainconfigfile)`
- string `stateconfigfile_name` = './salt-state.toml'
- `statetoml_in` = `toml.load(stateconfigfile)`
- `now_iso` = `datetime.now(timezone.utc).isoformat()`
- `now_unix` = `time.time()`
- string `stateoutfile_name` = './salt-state.toml'

6.6.1 Variable Documentation

6.6.1.1 mainconfigfile_name

```
string configread.mainconfigfile_name = './salt-main.toml'
```

6.6.1.2 now_iso

```
configread.now_iso = datetime.now(timezone.utc).isoformat()
```

6.6.1.3 now_unix

```
configread.now_unix = time.time()
```

6.6.1.4 stateconfigfile_name

```
string configread.stateconfigfile_name = './salt-state.toml'
```

6.6.1.5 stateoutfile_name

```
string configread.stateoutfile_name = './salt-state.toml'
```

6.6.1.6 statetoml_in

```
configread.statetoml_in = toml.load(stateconfigfile)
```

6.6.1.7 toml_in

```
configread.toml_in = toml.load(mainconfigfile)
```

6.7 FediBskyXwalk Namespace Reference

Classes

- class [PostXwalk](#)

6.8 FediEntryObjects Namespace Reference

6.9 FediFeedEntries Namespace Reference

Classes

- class [BROKENMiddleQueue](#)
- class [HolderFedFeed](#)
- class [FedFeedEntry](#)

Functions

- def [entryAddImages](#) (self, rawpost)
- def [entryFixTags](#) (tagstring)
- def [cw_check](#) (origTxt)
- def [entryCreate](#) (rawpost, seqcount)
- def [entryAddBasic](#) (rawpost)
- def [entryAddRatings](#) (rawpost)
- def [addSummaryDetail](#) (rawpost)
- def [addContentWarning](#) (origTxt)
- def [entryCheckSensitive](#) (cleanerPost)
- def [textTouchUp](#) (main_text, cw, fixed_tags)
- def [MediaContentAttach](#) (medElem)
- def [oollddMediaContentAttach](#) (e)
- def [MediaContentHandle](#) (MediaContentSet)
- def [GetAltText](#) (e)

6.9.1 Function Documentation

6.9.1.1 addContentWarning()

```
def FediFeedEntries.addContentWarning (  
    origTxt )
```

6.9.1.2 addSummaryDetail()

```
def FediFeedEntries.addSummaryDetail (  
    rawpost )
```

6.9.1.3 cw_check()

```
def FediFeedEntries.cw_check (
    origTxt )
```

6.9.1.4 entryAddBasic()

```
def FediFeedEntries.entryAddBasic (
    rawpost )
```

6.9.1.5 entryAddImages()

```
def FediFeedEntries.entryAddImages (
    self,
    rawpost )
```

6.9.1.6 entryAddRatings()

```
def FediFeedEntries.entryAddRatings (
    rawpost )
```

6.9.1.7 entryCheckSensitive()

```
def FediFeedEntries.entryCheckSensitive (
    cleanerPost )
```

6.9.1.8 entryCreate()

```
def FediFeedEntries.entryCreate (
    rawpost,
    seqcount )
```

Raw post is unprocessed entry pulled from Fediverse

seqcount is sequence count to label the entry

returns an refined fediverse post entry for more processing

6.9.1.9 entryFixTags()

```
def FediFeedEntries.entryFixTags (
    tagstring )
```

mzonePost is output from entryAddBasic

take tags and write fixed_tags

6.9.1.10 GetAltText()

```
def FediFeedEntries.GetAltText (
    e )
```

6.9.1.11 MediaContentAttach()

```
def FediFeedEntries.MediaContentAttach (
    medElem )
```

For each element entry,determine if media is present and handle it.

Needs to handle a media sets from 1 to ...

Check for presense of media is needed before invoking this

is working on the middle queue

6.9.1.12 MediaContentHandle()

```
def FediFeedEntries.MediaContentHandle (
    MediaContentSet )
```

6.9.1.13 oolllddMediaContentAttach()

```
def FediFeedEntries.oolllddMediaContentAttach (
    e )
```

For each element entry, determine if media is present and handle it.
 Passing the info out to other routines to finish creating the outbound queue
 of reformatted fediverse elements

takes as single argument the

6.9.1.14 textTouchUp()

```
def FediFeedEntries.textTouchUp (
    main_text,
    CW,
    fixed_tags )
```

6.10 FediQueueObjects Namespace Reference

6.11 FediStructsMisc Namespace Reference

6.12 FediXbSky Namespace Reference

6.13 feedstructs Namespace Reference

Variables

- dictionary [simple_bsky_info](#)
- dictionary [main_config_genInfo](#)
- dictionary [main_config_feedInfo](#)
- dictionary [state_config_genInfo](#)
- dictionary [feed_metadata](#)
- dictionary [bsky_post_metadata](#)
- dictionary [post_constructor](#)
- dictionary [post_altText_plus](#)
- dictionary [post_media_item](#)

6.13.1 Detailed Description

Feed info data structures
 Data structure for main configuration elements

6.13.2 Variable Documentation

6.13.2.1 bsky_post_metadata

dictionary feedstructs.bsky_post_metadata

Initial value:

```
1 = {
2     'previous_last_posted_unix': 'unixtime',
3     'previous_last_posted_iso': 'iso time',
4     'last_posted_unix': 'unixtime',
5     'last_posted_iso': 'iso time',
6 }
```

6.13.2.2 feed_metadata

dictionary feedstructs.feed_metadata

Initial value:

```
1 = {
2     'Name': 'Nick name for feed',
3     'Number': 'item number',
4     'URL': 'feed url string',
5     'feed_last_read_iso': 'iso time',
6     'feed_last_read_unix': 'unixtime',
7     'feed_previous_last_read_iso': 'iso time',
8     'feed_previous_last_read_unix': 'unixtime',
9     'newest_feed_item_unix': 'unixtime',
10    'newest_feed_item_iso': 'iso time',
11    'oldest_feed_item_iso': 'iso time',
12    'oldest_feed_item_unix': 'unixtime',
13 }
```

6.13.2.3 main_config_feedInfo

dictionary feedstructs.main_config_feedInfo

Initial value:

```
1 = {
2     'Name': 'Arbitrary Feed name for reference',
3     'Number': 0,
4     'URL': 'URL of the feed',
5     'Type': 'rss',
6     'TimeJitter': 0
7 }
```

6.13.2.4 main_config_genInfo

dictionary feedstructs.main_config_genInfo

Initial value:

```
1 = {
2     'Title': 'Overall Config Name',
3     'Statefile': 'name of the file to write state info',
4     'TZ_abbr': 'UTC',
5     'NumFeeds': 1
6 }
```

6.13.2.5 post_altText_plus

dictionary feedstructs.post_altText_plus

Initial value:

```
1 = {
2     'altText': "",
3     # alt text string for media
4     'lang': "",
5     # 'post of language nested in _content_',
6     'base': "",
7     # 'base link to poster in _content_',
8     'value': "",
9     # 'the alt text for an image',
10 }
```

6.13.2.6 post_constructor

dictionary feedstructs.post_constructor

Initial value:

```
1 = {
2     'ELEMENTsequence': 'integer in sequence 0',
3     'original_url': 'long url from mastodon',
4     'media_rating': 'nonadult, adult,...',
5     'rating': 'reserved',
6     'html_text': 'Original string from _summary_',
7     'html_text_sdetail': 'original string from _summary_detail_',
8     'basic_text': 'string',
9     'basic_text_rev': 'revised version of basic text, after cw filtering',
10    'raw_text2post': 'string',
11    'orig_post_time': 'convert to unixtime',
12    'number_of_media': 'integer, 0-4 (hopefully)',
13    'lang_of_post': 'string',
14    'alt_lang_post': 'language string in a different part of the post',
15    'base_post_mime_t': 'string',
16    'media_array': 'to be constructed from post_media_detail',
17    'altTextSet': 'to be constructed from _content_ if present',
18    'published_parsed': 'published parsed python',
19    'tags': 'list of tags',
20    'fixed_tags': 'cleaned list of tags',
21    'base_url': 'base location of feed',
22    'content_warn': 'content_warning if any',
23    'content_rating': 'adult, not adult, etc',
24    'sensitive_post': 'boolean, true or false',
25    'post_privacy': 'reserved',
26    'contentWarn': 'reserved',
27    'textReady2Post': 'cleaned up text'
28 }
```

6.13.2.7 post_media_item

dictionary feedstructs.post_media_item

Initial value:

```
1 = {
2     'media_url': 'string',
3     'media_type': 'mime-type-string',
4     'media_size_stated': 'fsize in bytes from fediverse rss post',
5     'media_size_calculated': 'use system to find size',
6     'medium_type': 'image,video,etc',
7     'localFilePath': 'file path and file name on local system',
8     'alt Text': 'alt text string'
9
10 }
```

6.13.2.8 simple_bsky_info

dictionary feedstructs.simple_bsky_info

Initial value:

```
1 = {
2     'Username': 'A user Name',
3     'App_passwd': 'a app password',
4     'Nickname': 'account nickname',
5     'DefaultSensitive': bool(False)
6 }
```

6.13.2.9 state_config_genInfo

dictionary feedstructs.state_config_genInfo

Initial value:

```
1 = {
2     'Title': 'a title'
3 }
```

6.14 heavy_lifting Namespace Reference

Classes

- class [MainStateConsistency](#)
- class [MainConfigInfo](#)
- class [FetchFeeds](#)
- class [StateConfigInfo](#)
- class [FeedEntriesMash](#)
- class [FeedEntriesFix](#)
- class [MediaMessage](#)

6.14.1 Detailed Description

Modules for doing bulk of work

6.15 main Namespace Reference

-v1

6.15.1 Detailed Description

-v1

-v3

-v2

Goal for this test module is to pull in one post from mastodon and repost it on bluesky.

6.16 main-v1 Namespace Reference

Variables

- `rval` = `StateConfigInfo.create('foo.toml')`
- `t` = `MainConfigInfo.read('salt-main.toml')`
- `x` = `StateConfigInfo.read('salt-state.toml')`
- `z` = `StateConfigInfo.check_feed_nums(x)`
- `hmf` = `FetchFeeds.check_feed_nums(t)`
- list `feedURLs` = `[0]* hmf`
- list `fd_content` = `[0]* hmf`
- `j` = `FetchFeeds.enumerate_feed_items(feed[i])`
- `a` = `StateConfigInfo.write_info('salt-statetest.toml',x)`
- string `configfileName` = `'./salt-main.toml'`
- `configDets` = `open_read_config(configfileName)`

6.16.1 Variable Documentation

6.16.1.1 `a`

```
main-v1.a = StateConfigInfo.write_info('salt-statetest.toml',x)
```

6.16.1.2 `configDets`

```
main-v1.configDets = open_read_config(configfileName)
```

6.16.1.3 `configfileName`

```
string main-v1.configfileName = './salt-main.toml'
```

6.16.1.4 `fd_content`

```
list main-v1.fd_content = [0]* hmf
```

6.16.1.5 feedURLs

```
main-v1.feedURLs = [0]* hmf
```

6.16.1.6 hmf

```
main-v1.hmf = FetchFeeds.check_feed_nums(t)
```

6.16.1.7 j

```
main-v1.j = FetchFeeds.enumerate_feed_items(feed[i])
```

6.16.1.8 rval

```
main-v1.rval = StateConfigInfo.create('foo.toml')
```

6.16.1.9 t

```
main-v1.t = MainConfigInfo.read('salt-main.toml')
```

6.16.1.10 x

```
main-v1.x = StateConfigInfo.read('salt-state.toml')
```

6.16.1.11 z

```
main-v1.z = StateConfigInfo.check_feed_nums(x)
```

6.17 main-v2 Namespace Reference

Variables

- `rval` = `StateConfigInfo.create`('foo.toml',3)
- `t` = `MainConfigInfo.read`('salt-main.toml')
- `x` = `StateConfigInfo.read`('salt-state.toml')
- `z` = `StateConfigInfo.check_feed_nums`(`x`)
- `foo` = `MainStateConsistency.feeds`('salt-main.toml', 'salt-state.toml')
- `numfeeds` = `MainConfigInfo.check_feed_nums`(`t`)
- `feedURLs` = `MainConfigInfo.read`('salt-main.toml')
- `reftime_unix` = `unix_time_now`()
- `sortedFeedDict`
- `enumFeedItems` = `sortedFeedDict`['enumFeedItems']
- `sortedEntries` = `sortedFeedDict`['sortedEntries']
- `uet` = `StateConfigInfo.update_entry_times` (`sortedEntries`,`x`)

6.17.1 Variable Documentation

6.17.1.1 enumFeedItems

```
main-v2.enumFeedItems = sortedFeedDict['enumFeedItems']
```

6.17.1.2 feedURLs

```
main-v2.feedURLs = MainConfigInfo.read('salt-main.toml')
```

6.17.1.3 foo

```
main-v2.foo = MainStateConsistency.feeds('salt-main.toml', 'salt-state.toml')
```

6.17.1.4 numfeeds

```
main-v2.numfeeds = MainConfigInfo.check_feed_nums(t)
```

6.17.1.5 reftime_unix

```
main-v2.reftime_unix = unix_time_now()
```

6.17.1.6 rval

```
main-v2.rval = StateConfigInfo.create('foo.toml',3)
```

6.17.1.7 sortedEntries

```
main-v2.sortedEntries = sortedFeedDict['sortedEntries']
```

6.17.1.8 sortedFeedDict

```
main-v2.sortedFeedDict
```

Initial value:

```
1 = FetchFeeds.feedHandleFetchSort (numfeeds,  
2                                feedURLs,reftime_unix)
```

6.17.1.9 t

```
main-v2.t = MainConfigInfo.read('salt-main.toml')
```

6.17.1.10 uet

```
main-v2.uet = StateConfigInfo.update_entry_times (sortedEntries,x)
```

6.17.1.11 x

```
main-v2.x = StateConfigInfo.read('salt-state.toml')
```

6.17.1.12 z

```
main-v2.z = StateConfigInfo.check_feed_nums(x)
```

6.18 main-v3 Namespace Reference

Variables

- string `maincf` = 'salt-main.toml'
- `mcinfo` = `MainConfigInfo.read(maincf)`
- tuple `statecf` = (`mcinfo`['GENERAL'] ['Statefile'])
- `scinfo` = `StateConfigInfo.read(statecf)`
- `numfeedState` = `StateConfigInfo.check_feed_nums(scinfo)`
- `checkmainfeeds` = `MainConfigInfo.check_feed_nums(mcinfo)`
- `nufeds` = `MainStateConsistency.feeds(maincf, statecf)`
- `alist` = `FetchFeeds.find_feeds(mcinfo)`
- list `feedData` = `[0] * nufeds`
- list `itemsPerFeed` = `[0] * nufeds`
- `u_scinfo` = `StateConfigInfo.update_entry_times(feedData, scinfo)`
- `j` = `StateConfigInfo.write_info(statecf, u_scinfo)`
- int `reftime` = 0
- `NeuFeedData` = `FeedEntriesMash.WhichEntries2Pub(reftime, feedData)`
- `count` = `FeedEntriesMash.ComputeNumOutbound(NeuFeedData)`
- `keepgoing` = `bool(True)`
- `feedIn` = `NeuFeedData`

6.18.1 Variable Documentation

6.18.1.1 alist

```
main-v3.alist = FetchFeeds.find_feeds(mcinfo)
```

6.18.1.2 checkmainfeeds

```
main-v3.checkmainfeeds = MainConfigInfo.check_feed_nums(mcinfo)
```

6.18.1.3 count

```
main-v3.count = FeedEntriesMash.ComputeNumOutbound(NeuFeedData)
```

6.18.1.4 feedData

```
list main-v3.feedData = [0] * nufeds
```

6.18.1.5 feedIn

```
main-v3.feedIn = NeuFeedData
```

6.18.1.6 itemsPerFeed

```
list main-v3.itemsPerFeed = [0] * nufeds
```

6.18.1.7 j

```
main-v3.j = StateConfigInfo.write_info(statecf, u_scinfo)
```

6.18.1.8 keepgoing

```
main-v3.keepgoing = bool(True)
```

6.18.1.9 maincf

```
string main-v3.maincf = 'salt-main.toml'
```

6.18.1.10 mcinfo

```
main-v3.mcinfo = MainConfigInfo.read(maincf)
```

6.18.1.11 NeuFeedData

```
main-v3.NeuFeedData = FeedEntriesMash.WhichEntries2Pub(reftime, feedData)
```

6.18.1.12 nufeds

```
main-v3.nufeds = MainStateConsistency.feeds (maincf, statecf)
```

6.18.1.13 numfeedState

```
main-v3.numfeedState = StateConfigInfo.check_feed_nums (scinfo)
```

6.18.1.14 reftime

```
int main-v3.reftime = 0
```

6.18.1.15 scinfo

```
main-v3.scinfo = StateConfigInfo.read(statecf)
```

6.18.1.16 statecf

```
tuple main-v3.statecf = (mcinfo['GENERAL']['Statefile'])
```

6.18.1.17 u_scinfo

```
main-v3.u_scinfo = StateConfigInfo.update_entry_times(feedData, scinfo)
```

6.19 oldTester Namespace Reference

Variables

- string `maincf` = 'salt-main.toml'
- `mcfddata` = `MainConfigInfo.read(maincf)`
- tuple `statecf` = (`mcfddata`['GENERAL']['Statefile'])
- `scinfo` = `StateConfigInfo.read(statecf)`
- `numfeedState` = `StateConfigInfo.check_feed_nums (scinfo)`
- `numfeeds` = `MainStateConsistency.feeds (maincf, statecf)`
- `Bcred` = `BskyCredentials()`
- `acct_name` = `mcfddata`['BSKY_ACCOUNT']['Username']
- `appPass` = `mcfddata`['BSKY_ACCOUNT']['App_passwd']
- `creds` = `Bcred.show_creds()`
- `myPastPosts` = `BskyFeed.get_author_feed(creds, 2)`
- `j` = `Bcred.show_creds()`
- `BskyTest` = `BskyPostPuck()`
- `sessT` = `BskyTest.get_sessT()`

6.19.1 Variable Documentation

6.19.1.1 acct_name

```
oldTester.acct_name = mcfdata['BSKY_ACCOUNT']['Username']
```

6.19.1.2 appPass

```
oldTester.appPass = mcfdata['BSKY_ACCOUNT']['App_passwd']
```

6.19.1.3 Bcred

```
oldTester.Bcred = BskyCredentials()
```

6.19.1.4 BskyTest

```
oldTester.BskyTest = BskyPostPuck()
```

6.19.1.5 creds

```
oldTester.creds = Bcred.show_creds()
```

6.19.1.6 j

```
oldTester.j = Bcred.show_creds()
```

6.19.1.7 maincf

```
string oldTester.maincf = 'salt-main.toml'
```


6.19.1.8 mcfdata

```
oldTester.mcfdata = MainConfigInfo.read(maincf)
```

6.19.1.9 myPastPosts

```
oldTester.myPastPosts = BskyFeed.get_author_feed(creds, 2)
```

6.19.1.10 numfeeds

```
oldTester.numfeeds = MainStateConsistency.feeds (maincf, statecf)
```

6.19.1.11 numfeedState

```
oldTester.numfeedState = StateConfigInfo.check_feed_nums (scinfo)
```

6.19.1.12 scinfo

```
oldTester.scinfo = StateConfigInfo.read(statecf)
```

6.19.1.13 sessT

```
oldTester.sessT = BskyTest.get_sessT()
```

6.19.1.14 statecf

```
tuple oldTester.statecf = (mcfdata['GENERAL']['Statefile'])
```

6.20 oops Namespace Reference

Variables

- string `maincf` = 'salt-main.toml'
- `mcinfo` = `MainConfigInfo.read(maincf)`
- tuple `statecf` = (`mcinfo`['GENERAL'] ['Statefile'])
- `fred` = `StateConfigInfo.create(statecf, NFeeds=2)`
- `scinfo` = `StateConfigInfo.read(statecf)`
- `numfeedState` = `StateConfigInfo.check_feed_nums(scinfo)`
- `checkmainfeeds` = `MainConfigInfo.check_feed_nums(mcinfo)`
- `nufeds` = `MainStateConsistency.feeds(maincf, statecf)`
- `alist` = `FetchFeeds.find_feeds(mcinfo)`
- list `feedData` = `[0] * nufeds`
- list `itemsPerFeed` = `[0] * nufeds`
- `u_scinfo` = `StateConfigInfo.update_entry_times(feedData, scinfo)`
- `j` = `StateConfigInfo.write_info(statecf, u_scinfo)`
- int `reftime` = 0
- `NeuFeedData` = `FeedEntriesMash.WhichEntries2Pub(reftime, feedData)`
- `count` = `FeedEntriesMash.ComputeNumOutbound(NeuFeedData)`
- `keepgoing` = `bool(True)`
- `feedIn` = `NeuFeedData`

6.20.1 Detailed Description

Goal for this test module is to pull in one post from mastodon and repost it on bluesky.

6.20.2 Variable Documentation

6.20.2.1 alist

```
oops.alist = FetchFeeds.find_feeds(mcinfo)
```

6.20.2.2 checkmainfeeds

```
oops.checkmainfeeds = MainConfigInfo.check_feed_nums(mcinfo)
```

6.20.2.3 count

```
oops.count = FeedEntriesMash.ComputeNumOutbound (NeuFeedData)
```

6.20.2.4 feedData

```
list oops.feedData = [0] * nufeds
```

6.20.2.5 feedIn

```
oops.feedIn = NeuFeedData
```

6.20.2.6 fred

```
oops.fred = StateConfigInfo.create(statecf, NFeeds=2)
```

6.20.2.7 itemsPerFeed

```
list oops.itemsPerFeed = [0] * nufeds
```

6.20.2.8 j

```
oops.j = StateConfigInfo.write_info(statecf, u_scinfo)
```

6.20.2.9 keepgoing

```
oops.keepgoing = bool(True)
```

6.20.2.10 maincf

```
string oops.maincf = 'salt-main.toml'
```

6.20.2.11 mcinfo

```
oops.mcinfo = MainConfigInfo.read(maincf)
```

6.20.2.12 NeuFeedData

```
oops.NeuFeedData = FeedEntriesMash.WhichEntries2Pub(reftime, feedData)
```

6.20.2.13 nufeds

```
oops.nufeds = MainStateConsistency.feeds (maincf, statecf)
```

6.20.2.14 numfeedState

```
oops.numfeedState = StateConfigInfo.check\_feed\_nums (scinfo)
```

6.20.2.15 reftime

```
int oops.reftime = 0
```

6.20.2.16 scinfo

```
oops.scinfo = StateConfigInfo.read(statecf)
```

6.20.2.17 statecf

```
tuple oops.statecf = (mcinfo['GENERAL']['Statefile'])
```

6.20.2.18 u_scinfo

```
oops.u_scinfo = StateConfigInfo.update\_entry\_times(feedData, scinfo)
```

6.21 temphold Namespace Reference

Functions

- def [entryAddRatings](#) (rawpost)
- def [addSummaryDetail](#) (rawpost)

6.21.1 Function Documentation

6.21.1.1 addSummaryDetail()

```
def temphold.addSummaryDetail (
    rawpost )
```

6.21.1.2 entryAddRatings()

```
def temphold.entryAddRatings (
    rawpost )
```

6.22 timerTest Namespace Reference

Variables

- string `maincf` = 'salt-main.toml'
- `mcfddata` = `MainConfigInfo.read(maincf)`
- tuple `statecf` = (`mcfddata['GENERAL']`['Statefile'])
- `scinfo` = `StateConfigInfo.read(statecf)`
- `numfeedState` = `StateConfigInfo.check_feed_nums (scinfo)`
- `numfeeds` = `MainStateConsistency.feeds (maincf, statecf)`
- `alist` = `FetchFeeds.find_feeds(mcfddata)`
- list `feedData` = `[0] * numfeeds`
- list `itemsPerFeed` = `[0] * numfeeds`
- list `flrtimes_unix` = `[0] * numfeeds`
- list `flrtimes_iso` = `[0] * numfeeds`
- list `pflrtimes_u` = `[0] * numfeeds`
- list `pflrtimes_i` = `[0] * numfeeds`

6.22.1 Variable Documentation

6.22.1.1 alist

```
timerTest.alist = FetchFeeds.find_feeds(mcfddata)
```

6.22.1.2 feedData

```
list timerTest.feedData = [0] * numfeeds
```

6.22.1.3 flrtimes_iso

```
list timerTest.flrtimes_iso = [0] * numfeeds
```

6.22.1.4 flrtimes_unix

```
list timerTest.flrtimes_unix = [0] * numfeeds
```

6.22.1.5 itemsPerFeed

```
list timerTest.itemsPerFeed = [0] * numfeeds
```

6.22.1.6 maincf

```
string timerTest.maincf = 'salt-main.toml'
```

6.22.1.7 mcfddata

```
timerTest.mcfddata = MainConfigInfo.read(maincf)
```

6.22.1.8 numfeeds

```
timerTest.numfeeds = MainStateConsistency.feeds (maincf, statecf)
```

6.22.1.9 numfeedState

```
timerTest.numfeedState = StateConfigInfo.check_feed_nums (scinfo)
```

6.22.1.10 pflrtimes_i

```
list timerTest.pflrtimes_i = [0] * numfeeds
```

6.22.1.11 pflrtimes_u

```
list timerTest.pflrtimes_u = [0] * numfeeds
```

6.22.1.12 scinfo

```
timerTest.scinfo = StateConfigInfo.read(statecf)
```

6.22.1.13 statecf

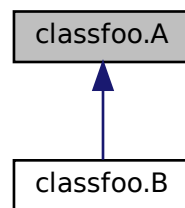
```
tuple timerTest.statecf = (mcfddata['GENERAL']['Statefile'])
```


Chapter 7

Class Documentation

7.1 classfoo.A Class Reference

Inheritance diagram for classfoo.A:



Public Member Functions

- def `__init__` (self)
- def `print` (self)

Public Attributes

- `value`
- `value2`

7.1.1 Constructor & Destructor Documentation

7.1.1.1 `__init__()`

```
def classfoo.A.__init__ (
    self )
```

Reimplemented in [classfoo.B](#).

7.1.2 Member Function Documentation

7.1.2.1 `print()`

```
def classfoo.A.print (
    self )
```

7.1.3 Member Data Documentation

7.1.3.1 `value`

```
classfoo.A.value
```

7.1.3.2 `value2`

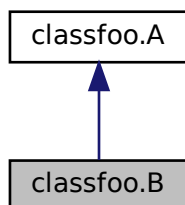
```
classfoo.A.value2
```

The documentation for this class was generated from the following file:

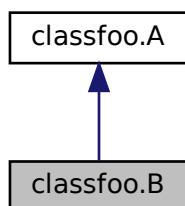
- [classfoo.py](#)

7.2 classfoo.B Class Reference

Inheritance diagram for classfoo.B:



Collaboration diagram for classfoo.B:



Public Member Functions

- `def __init__(self)`

Additional Inherited Members

7.2.1 Constructor & Destructor Documentation

7.2.1.1 `__init__()`

```
def classfoo.B.__init__(  
    self )
```

Reimplemented from [classfoo.A](#).

The documentation for this class was generated from the following file:

- [classfoo.py](#)

7.3 FediFeedEntries.BROKENMiddleQueue Class Reference

Public Member Functions

- def `__init__` (self)
- def `inserttr` (self, entry)
- def `qprint` (self)
- def `json` (self)

Public Attributes

- `fediqueue`

7.3.1 Constructor & Destructor Documentation

7.3.1.1 `__init__()`

```
def FediFeedEntries.BROKENMiddleQueue.__init__ (  
    self )
```

7.3.2 Member Function Documentation

7.3.2.1 `inserttr()`

```
def FediFeedEntries.BROKENMiddleQueue.inserttr (  
    self,  
    entry )
```

7.3.2.2 `json()`

```
def FediFeedEntries.BROKENMiddleQueue.json (  
    self )
```

7.3.2.3 `qprint()`

```
def FediFeedEntries.BROKENMiddleQueue.qprint (  
    self )
```

7.3.3 Member Data Documentation

7.3.3.1 fediqueue

FediFeedEntries.BROKENMiddleQueue.fediqueue

The documentation for this class was generated from the following file:

- [FediFeedEntries.py](#)

7.4 FediFeedEntries.FedFeedEntry Class Reference

Public Member Functions

- def [__init__](#) (self)
- def [checkEntry2Pub](#) (self, [fedientry](#), reftime)
- def [MarkEntry2Pub](#) (self, [fedientry](#), reftime)
- def [ingest](#) (self, fedpost)
- def [json](#) (self)
- def [exgest](#) (self)

Public Attributes

- [fedientry](#)

7.4.1 Constructor & Destructor Documentation

7.4.1.1 [__init__](#)()

```
def FediFeedEntries.FedFeedEntry.__init__ (
    self )
```

7.4.2 Member Function Documentation

7.4.2.1 checkEntry2Pub()

```
def FediFeedEntries.FedFeedEntry.checkEntry2Pub (
    self,
    fedientry,
    reftime )
```

7.4.2.2 exgest()

```
def FediFeedEntries.FedFeedEntry.exgest (
    self )
```

7.4.2.3 ingest()

```
def FediFeedEntries.FedFeedEntry.ingest (
    self,
    fedpost )
```

7.4.2.4 json()

```
def FediFeedEntries.FedFeedEntry.json (
    self )
```

7.4.2.5 MarkEntry2Pub()

```
def FediFeedEntries.FedFeedEntry.MarkEntry2Pub (
    self,
    fedientry,
    reftime )
```

7.4.3 Member Data Documentation

7.4.3.1 fedientry

FediFeedEntries.FedFeedEntry.fedientry

The documentation for this class was generated from the following file:

- [FediFeedEntries.py](#)

7.5 heavy_lifting.FeedEntriesFix Class Reference

Public Member Functions

- def `__init__` (self)
- def `print` (self)
- def `echo` (self)

Public Attributes

- `p2fix`

7.5.1 Constructor & Destructor Documentation

7.5.1.1 `__init__()`

```
def heavy_lifting.FeedEntriesFix.__init__ (  
    self )
```

7.5.2 Member Function Documentation

7.5.2.1 `echo()`

```
def heavy_lifting.FeedEntriesFix.echo (  
    self )
```

7.5.2.2 `print()`

```
def heavy_lifting.FeedEntriesFix.print (  
    self )
```

7.5.3 Member Data Documentation

7.5.3.1 p2fix

`heavy_lifting.FeedEntriesFix.p2fix`

The documentation for this class was generated from the following file:

- [heavy_lifting.py](#)

7.6 heavy_lifting.FeedEntriesMash Class Reference

Public Member Functions

- def [DELETEDMabyeWhichEntries2Pub](#) (reftimes, sf)
- def [DEIComputeNumOutbound](#) (f2e)
- def [DEADSimplify](#) (fl, count)
- def [DEADMap4Simplify](#) (e, ec)
- def [DEADSensitive_Post_Detect](#) (thePost)
- def [DELETEDMediaContentAttach](#) (e)
- def [DELETEDMediaContentAttachAltText](#) (contentAltT)
- def [ddddMediaContentHandle](#) (MediaContentSet)

7.6.1 Member Function Documentation

7.6.1.1 ddddMediaContentHandle()

```
def heavy_lifting.FeedEntriesMash.ddddMediaContentHandle (  
    MediaContentSet )
```

7.6.1.2 DEADMap4Simplify()

```
def heavy_lifting.FeedEntriesMash.DEADMap4Simplify (  
    e,  
    ec )
```

7.6.1.3 DEADSensitive_Post_Detect()

```
def heavy_lifting.FeedEntriesMash.DEADSensitive_Post_Detect (  
    thePost )
```


7.6.1.4 DEADSimplify()

```
def heavy_lifting.FeedEntriesMash.DEADSimplify (
    fI,
    count )

    Creates outbound structure
    Takes the coarse feedIn,
    creates simpler structure
    count is number of articles to put in outbound structure
    returns outbound structure
```

7.6.1.5 DElComputeNumOutbound()

```
def heavy_lifting.FeedEntriesMash.DElComputeNumOutbound (
    f2e )

    Compute size of structure to hold all feed elements to be processed
    further; outbound process step one
```

7.6.1.6 DELETEmaybeWhichEntries2Pub()

```
def heavy_lifting.FeedEntriesMash.DELETEmaybeWhichEntries2Pub (
    reftimes,
    sf )

    Takes a reference time set (size(sf) or size (reftimes),
    in unix format

    Second argument is a singular feed to loop through
    and find entries that are later than the reftime.
```

7.6.1.7 DELETEMediaContentAttach()

```
def heavy_lifting.FeedEntriesMash.DELETEMediaContentAttach (
    e )

    For each element entry,determine if media is present and handle it.
    Passing the info out to other routines to finish creating the outbound queue
    of reformatted fediverse elements

    takes as single argument the
```

7.6.1.8 DELETEDMediaContentAttachAltText()

```
def heavy_lifting.FeedEntriesMash.DELETEDMediaContentAttachAltText (
    contentAltT )
```

The documentation for this class was generated from the following file:

- [heavy_lifting.py](#)

7.7 heavy_lifting.FetchFeeds Class Reference

Public Member Functions

- def [find_feeds](#) (Main_config_info)
- def [fetch_feed](#) (URL)
- def [enumerate_feed_items](#) (feed)
- def [sort_entries](#) (a_feed)
- def [feedHandleFetchSort](#) (numfeeds, mainconfigdata, reftime_unix)

7.7.1 Detailed Description

Class to Read and organize/process the incoming rss feeds

7.7.2 Member Function Documentation

7.7.2.1 enumerate_feed_items()

```
def heavy_lifting.FetchFeeds.enumerate_feed_items (
    feed )
```

Describe how many entries are in a feed

7.7.2.2 feedHandleFetchSort()

```
def heavy_lifting.FetchFeeds.feedHandleFetchSort (
    numfeeds,
    mainconfigdata,
    reftime_unix )
```

this idea of rolling up these calls might not be good

7.7.2.3 fetch_feed()

```
def heavy_lifting.FetchFeeds.fetch_feed (
    URL )
```

fetch a feed

7.7.2.4 find_feeds()

```
def heavy_lifting.FetchFeeds.find_feeds (
    Main_config_info )
```

Return a small structure with the feed URLs

7.7.2.5 sort_entries()

```
def heavy_lifting.FetchFeeds.sort_entries (
    a_feed )
```

sort one feed

The documentation for this class was generated from the following file:

- [heavy_lifting.py](#)

7.8 FediFeedEntries.HolderFedFeed Class Reference

Public Member Functions

- def [__init__](#) (self, feeds)
- def [json](#) (self)
- def [checknumfeeds_ex](#) (self, stateinfo)
- def [checknumfeeds_in](#) (self)
- def [concatFeeds](#) (self)
- def [feedcounts](#) (self)
- def [sort_entries](#) (self)
- def [exgest](#) (self)
- def [exportFeeds](#) (self)
- def [DEELETEdorkcomputeTrue](#) (self)
- def [newQueue](#) (self, entry)
- def [newQueueExgest](#) (self, i)

Public Attributes

- [feeds](#)
- [AmFeeds](#)
- [feedQ](#)
- [counter](#)
- [UniFeed](#)
- [numtrue](#)

7.8.1 Constructor & Destructor Documentation

7.8.1.1 `__init__()`

```
def FediFeedEntries.HolderFedFeed.__init__ (
    self,
    feeds )
```

7.8.2 Member Function Documentation

7.8.2.1 `checknumfeeds_ex()`

```
def FediFeedEntries.HolderFedFeed.checknumfeeds_ex (
    self,
    stateinfo )
```

7.8.2.2 `checknumfeeds_in()`

```
def FediFeedEntries.HolderFedFeed.checknumfeeds_in (
    self )
```

7.8.2.3 `concatFeeds()`

```
def FediFeedEntries.HolderFedFeed.concatFeeds (
    self )
```

7.8.2.4 DEELETEDorkcomputeTrue()

```
def FediFeedEntries.HolderFedFeed.DEELETEDorkcomputeTrue (
    self )
```

7.8.2.5 exgest()

```
def FediFeedEntries.HolderFedFeed.exgest (
    self )
```

7.8.2.6 exportFeeds()

```
def FediFeedEntries.HolderFedFeed.exportFeeds (
    self )
```

7.8.2.7 feedcounts()

```
def FediFeedEntries.HolderFedFeed.feedcounts (
    self )
```

7.8.2.8 json()

```
def FediFeedEntries.HolderFedFeed.json (
    self )
```

7.8.2.9 newQueue()

```
def FediFeedEntries.HolderFedFeed.newQueue (
    self,
    entry )
```

7.8.2.10 newQueueExgest()

```
def FediFeedEntries.HolderFedFeed.newQueueExgest (
    self,
    i )
```

7.8.2.11 `sort_entries()`

```
def FediFeedEntries.HolderFedFeed.sort_entries (
    self )
```

```
sort one feed
```

7.8.3 Member Data Documentation

7.8.3.1 `AmFeeds`

```
FediFeedEntries.HolderFedFeed.AmFeeds
```

7.8.3.2 `counter`

```
FediFeedEntries.HolderFedFeed.counter
```

7.8.3.3 `feedQ`

```
FediFeedEntries.HolderFedFeed.feedQ
```

7.8.3.4 `feeds`

```
FediFeedEntries.HolderFedFeed.feeds
```

7.8.3.5 `numtrue`

```
FediFeedEntries.HolderFedFeed.numtrue
```

7.8.3.6 UniFeed

FediFeedEntries.HolderFedFeed.UniFeed

The documentation for this class was generated from the following file:

- [FediFeedEntries.py](#)

7.9 config_feed_objsmeth.MainConfigInfo Class Reference

Public Member Functions

- def [__init__](#) (self, main_configfile_name='salt-main.toml')
- def [read](#) (self, main_configfile_name)
- def [state_fname](#) (self)

Static Public Member Functions

- def [create](#) (file2create_filename, n_feeds=1)
- def [check_feed_nums](#) (main_config_info)
- def [write](#) ()

Public Attributes

- [file_name](#)
- [config_data](#)
- [state_file](#)

7.9.1 Detailed Description

open, close, create, update, export/import info Main config file

7.9.2 Constructor & Destructor Documentation

7.9.2.1 __init__()

```
def config_feed_objsmeth.MainConfigInfo.__init__ (
    self,
    main_configfile_name = 'salt-main.toml' )
```

7.9.3 Member Function Documentation

7.9.3.1 check_feed_nums()

```
def config_feed_objsmeth.MainConfigInfo.check_feed_nums (
    main_config_info ) [static]
```

Read main config file and deduce number of feeds
Main config file checking
Takes the data structure read from the main config file
as the argument

7.9.3.2 create()

```
def config_feed_objsmeth.MainConfigInfo.create (
    file2create_filename,
    n_feeds = 1 ) [static]
```

creates a new skeletal config file
@rst
.. hint ::** Needs more detail on what to write out **

7.9.3.3 read()

```
def config_feed_objsmeth.MainConfigInfo.read (
    self,
    main_configfile_name )
```

Reads the existing main config file and returns
The config info

7.9.3.4 state_fname()

```
def config_feed_objsmeth.MainConfigInfo.state_fname (
    self )
```

7.9.3.5 write()

```
def config_feed_objsmeth.MainConfigInfo.write ( ) [static]
```

pass

7.9.4 Member Data Documentation

7.9.4.1 config_data

`config_feed_objsmeth.MainConfigInfo.config_data`

7.9.4.2 file_name

`config_feed_objsmeth.MainConfigInfo.file_name`

7.9.4.3 state_file

`config_feed_objsmeth.MainConfigInfo.state_file`

The documentation for this class was generated from the following file:

- [config_feed_objsmeth.py](#)

7.10 heavy_lifting.MainConfigInfo Class Reference

Public Member Functions

- def [create](#) (file2create_filename)
- def [read](#) (MAINconfigfile_name)
- def [check_feed_nums](#) (Main_config_info)

7.10.1 Detailed Description

Class to manage the main config file and info

7.10.2 Member Function Documentation

7.10.2.1 check_feed_nums()

```
def heavy_lifting.MainConfigInfo.check_feed_nums (
    Main_config_info )
```

Read main config file and deduce number of feeds

Main config file checking

Takes the data structure read from the main config file
as the argument

7.10.2.2 create()

```
def heavy_lifting.MainConfigInfo.create (
    file2create_filename )
```

creates a new skeletal config file

7.10.2.3 read()

```
def heavy_lifting.MainConfigInfo.read (
    MAINconfigfile_name )
```

Reads the existing main config file and returns
The config info

The documentation for this class was generated from the following file:

- [heavy_lifting.py](#)

7.11 heavy_lifting.MainStateConsistency Class Reference

Public Member Functions

- def [feeds](#) (mainconfigfilename, stateconfigfilename)
- def [open_read_mconfig](#) (mainconfigfile_name)

7.11.1 Detailed Description

Check to be sure both state files have right amount of feeds
Other consistency checks:
* feed url consistent
* feed names consistent

7.11.2 Member Function Documentation

7.11.2.1 feeds()

```
def heavy_lifting.MainStateConsistency.feeds (
    mainconfigfilename,
    stateconfigfilename )
```

Open both the main and state config files
from file names and check to see if feeds are consistent.
If not consistent, throw an error and quit
Suggest in error message to recreate state file config
using class/routine StateConfigInfo.create
and editing as needed

7.11.2.2 open_read_mconfig()

```
def heavy_lifting.MainStateConsistency.open_read_mconfig (
    mainconfigfile_name )
```

Function to read main config file

And open state file based on info in main config file

The documentation for this class was generated from the following file:

- [heavy_lifting.py](#)

7.12 heavy_lifting.MediaMessage Class Reference

Public Member Functions

- def [createTmpDir](#) (dirname)
- def [remotelImageGet](#) (url)
- def [CheckImageSize](#) (filename)

7.12.1 Detailed Description

Fetch actual images from fediverse posts to place into outgoing

7.12.2 Member Function Documentation

7.12.2.1 CheckImageSize()

```
def heavy_lifting.MediaMessage.CheckImageSize (
    filename )
```

7.12.2.2 createTmpDir()

```
def heavy_lifting.MediaMessage.createTmpDir (
    dirname )
```

7.12.2.3 remoteImageGet()

```
def heavy_lifting.MediaMessage.remoteImageGet (
    url )
```

The documentation for this class was generated from the following file:

- [heavy_lifting.py](#)

7.13 FediBskyXwalk.PostXwalk Class Reference

Public Member Functions

- def [__init__](#) (self)
- def [print](#) (self)
- def [mapper_main](#) (self, FediPost)
- def [simple_p_map](#) (self, FediPost)
- def [extendedF2Pmap](#) (self, FediPost)
- def [addDID](#) (self, mainCredsDID)
- def [addTextRaw](#) (self, textString)
- def [addText](#) (self, textString)
- def [stringsize](#) (self)
- def [addTime](#) (self)
- def [ignore](#) (self)
- def [echo](#) (self)
- def [bEcho](#) (self)
- def [json](#) (self)
- def [addBlobFlag](#) (self, ifBlobBool)
- def [checkBlobFlag](#) (self)
- def [checkSensitive](#) (self)
- def [addBlobInfo](#) (self, blobstuff)

Public Attributes

- [bpost](#)
- [blobinfos](#)

7.13.1 Constructor & Destructor Documentation

7.13.1.1 `__init__()`

```
def FediBskyXwalk.PostXwalk.__init__ (
    self )
```

7.13.2 Member Function Documentation

7.13.2.1 `addBlobFlag()`

```
def FediBskyXwalk.PostXwalk.addBlobFlag (
    self,
    ifBlobBool )
```

7.13.2.2 `addBlobInfo()`

```
def FediBskyXwalk.PostXwalk.addBlobInfo (
    self,
    blobstuff )
```

7.13.2.3 `addDID()`

```
def FediBskyXwalk.PostXwalk.addDID (
    self,
    mainCredsDID )
```

7.13.2.4 addText()

```
def FediBskyXwalk.PostXwalk.addText (
    self,
    textString )
```

7.13.2.5 addTextRaw()

```
def FediBskyXwalk.PostXwalk.addTextRaw (
    self,
    textString )
```

7.13.2.6 addTime()

```
def FediBskyXwalk.PostXwalk.addTime (
    self )
```

7.13.2.7 bEcho()

```
def FediBskyXwalk.PostXwalk.bEcho (
    self )
```

7.13.2.8 checkBlobFlag()

```
def FediBskyXwalk.PostXwalk.checkBlobFlag (
    self )
```

7.13.2.9 checkSensitive()

```
def FediBskyXwalk.PostXwalk.checkSensitive (
    self )
```

7.13.2.10 echo()

```
def FediBskyXwalk.PostXwalk.echo (
    self )
```

7.13.2.11 extendedF2Pmap()

```
def FediBskyXwalk.PostXwalk.extendedF2Pmap (
    self,
    FediPost )
```

7.13.2.12 ignore()

```
def FediBskyXwalk.PostXwalk.ignore (
    self )
```

These aren't variables now, already set in constructor

7.13.2.13 json()

```
def FediBskyXwalk.PostXwalk.json (
    self )
```

7.13.2.14 mapper_main()

```
def FediBskyXwalk.PostXwalk.mapper_main (
    self,
    FediPost )
```

takes a single Fediverse post and creates
a single BlueSky Post

7.13.2.15 print()

```
def FediBskyXwalk.PostXwalk.print (
    self )
```

7.13.2.16 simple_p_map()

```
def FediBskyXwalk.PostXwalk.simple_p_map (
    self,
    FediPost )
```

7.13.2.17 stringsize()

```
def FediBskyXwalk.PostXwalk.stringsize (
    self )
```

7.13.3 Member Data Documentation

7.13.3.1 blobinfos

```
FediBskyXwalk.PostXwalk.blobinfos
```

7.13.3.2 bpost

```
FediBskyXwalk.PostXwalk.bpost
```

The documentation for this class was generated from the following file:

- [FediBskyXwalk.py](#)

7.14 config_feed_objsmeth.StateConfigInfo Class Reference

Public Member Functions

- def [__init__](#) (self, file2create_filename='salt-state.toml')
- def [read](#) (self, [filename](#))
- def [check_feed_num](#) (self)

Static Public Member Functions

- def [create](#) (file2create_filename='salt-state.toml', n_feeds=1)
- def [write_info](#) (stateoutfile_name, data2write)
- def [update_bsky_prev](#) (info)
- def [update_bsky_now](#) (info)
- def [update_feed_prev](#) (info)
- def [update_feed_now](#) (info)
- def [update_entry_times](#) (sorted_feeds, state_info)

Public Attributes

- [filename](#)
- [state](#)

7.14.1 Detailed Description

Class to manage the state file and info

NB:

****Needs more detail on what to write out****

self info is: self.state (the data read
from the statefile) self.filename (the statfile name)

7.14.2 Constructor & Destructor Documentation

7.14.2.1 __init__()

```
def config_feed_objsmeth.StateConfigInfo.__init__ (
    self,
    file2create_filename = 'salt-state.toml' )
```

7.14.3 Member Function Documentation

7.14.3.1 check_feed_num()

```
def config_feed_objsmeth.StateConfigInfo.check_feed_num (
    self )
```

Checks feed numbers in STATE file
info variable is an instance of the full state file info

7.14.3.2 create()

```
def config_feed_objsmeth.StateConfigInfo.create (
    file2create_filename = 'salt-state.toml',
    n_feeds = 1 ) [static]
```

creates a new skeletal state file
with NFeeds number of feeds
**** Needs more detail on what to write out ****

7.14.3.3 read()

```
def config_feed_objsmeth.StateConfigInfo.read (
    self,
    filename )
```

7.14.3.4 update_bsky_now()

```
def config_feed_objsmeth.StateConfigInfo.update_bsky_now (
    info ) [static]

updates post times for bsky
info variable is an instance of the full state file info
```

7.14.3.5 update_bsky_prev()

```
def config_feed_objsmeth.StateConfigInfo.update_bsky_prev (
    info ) [static]

takes dict for the state file bsky info,
updates previous last post date/times
returns it.

info variable is an instance of the full state file info
```

7.14.3.6 update_entry_times()

```
def config_feed_objsmeth.StateConfigInfo.update_entry_times (
    sorted_feeds,
    state_info ) [static]

update info
Takes a feeds that has been sorted. Takes state info
returns updated state info
```

7.14.3.7 update_feed_now()

```
def config_feed_objsmeth.StateConfigInfo.update_feed_now (
    info ) [static]

Update timestamps of the feed read
info variable is an instance of the full state file info
```

7.14.3.8 update_feed_prev()

```
def config_feed_objsmeth.StateConfigInfo.update_feed_prev (
    info ) [static]
```

Update timestamps of the feed read

info variable is an instance of the full state file info

7.14.3.9 write_info()

```
def config_feed_objsmeth.StateConfigInfo.write_info (
    stateoutfile_name,
    data2write ) [static]
```

Write current state info out to file

7.14.4 Member Data Documentation

7.14.4.1 filename

config_feed_objsmeth.StateConfigInfo.filename

7.14.4.2 state

config_feed_objsmeth.StateConfigInfo.state

The documentation for this class was generated from the following file:

- [config_feed_objsmeth.py](#)

7.15 heavy_lifting.StateConfigInfo Class Reference

Public Member Functions

- def [__init__](#) (self)
- def [create](#) (file2create_filename, NFeeds=1)
- def [read](#) (filename)
- def [write_info](#) (stateoutfile_name, data2write)
- def [update_bsky_prev](#) (info)
- def [update_bsky_now](#) (info)
- def [check_feed_nums](#) (info)
- def [update_feed_prev](#) (info)
- def [update_feed_now](#) (info)
- def [update_entry_times](#) (sorted_feeds, state_info)

Public Attributes

- [nothing](#)

7.15.1 Constructor & Destructor Documentation

7.15.1.1 `__init__()`

```
def heavy_lifting.StateConfigInfo.__init__ (
    self )
```

7.15.2 Member Function Documentation

7.15.2.1 `check_feed_nums()`

```
def heavy_lifting.StateConfigInfo.check_feed_nums (
    info )
```

Checks feed numbers in STATE file
info variable is an instance of the full state file info

7.15.2.2 `create()`

```
def heavy_lifting.StateConfigInfo.create (
    file2create_filename,
    NFeeds = 1 )
```

creates a new skeletal state file

with NFeeds number of feeds

7.15.2.3 `read()`

```
def heavy_lifting.StateConfigInfo.read (
    filename )
```

read state file

7.15.2.4 update_bsky_now()

```
def heavy_lifting.StateConfigInfo.update_bsky_now (
    info )

updates post times for bsky

info variable is an instance of the full state file info
```

7.15.2.5 update_bsky_prev()

```
def heavy_lifting.StateConfigInfo.update_bsky_prev (
    info )

takes dict for the state file bsky info,
updates previous last post date/times
returns it.

info variable is an instance of the full state file info
```

7.15.2.6 update_entry_times()

```
def heavy_lifting.StateConfigInfo.update_entry_times (
    sorted_feeds,
    state_info )
```

7.15.2.7 update_feed_now()

```
def heavy_lifting.StateConfigInfo.update_feed_now (
    info )

Update timestamps of the feed read

info variable is an instance of the full state file info
```

7.15.2.8 `update_feed_prev()`

```
def heavy_lifting.StateConfigInfo.update_feed_prev (  
    info )
```

Update timestamps of the feed read

`info` variable is an instance of the full state file info

7.15.2.9 `write_info()`

```
def heavy_lifting.StateConfigInfo.write_info (  
    stateoutfile_name,  
    data2write )
```

Write current state info out to file

7.15.3 Member Data Documentation

7.15.3.1 `nothing`

```
heavy_lifting.StateConfigInfo.nothing
```

The documentation for this class was generated from the following file:

- [heavy_lifting.py](#)

Chapter 8

File Documentation

8.1 arraytest.py File Reference

Namespaces

- [arraytest](#)

Variables

- dictionary [arraytest.animal](#)
- dictionary [arraytest.person](#)
- list [arraytest.barnyard](#) = []
- string [arraytest.SubSystem](#) = 'Navy'
- list [arraytest.build](#)

8.2 basictest.py File Reference

Namespaces

- [basictest](#)

Variables

- string [basictest.configfile_name](#) = './salt-main.toml'
- string [basictest.statefile_name](#) = './salt-state.toml'
- [basictest.main_config](#) = MainConfigInfo()
- [basictest.q](#) = main_config.state_fname()
- [basictest.state_config](#) = StateConfigInfo()
- [basictest.f](#) = state_config.check_feed_num()
- [basictest.now_unix](#) = time.time()
- [basictest.now_iso](#) = datetime.now(timezone.utc).isoformat()
- [basictest.lastread_iso](#) = state_config['FEED_1']['feed_last_read_iso']
- [basictest.lastread_unix](#) = time.strptime(lastread_iso, "%Y-%m-%dT%H:%M:%S.%f%z")
- [basictest.feed1_url](#) = main_config['FEED_1']['URL']

- `basictest.feed1` = `feedparser.parse(feed1_url)`
- `basictest.items_retrieved` = `len(feed1['entries'])`
- `basictest.entries_retrieved` = `feed1['entries']`
- `basictest.sorted_entries` = `sorted(entries_retrieved, reverse = True, key=attrgetter('published_parsed'))`
- list `basictest.boolean_list` = `[None] * items_retrieved`
- list `basictest.publish_dates` = `[None] * items_retrieved`
- `basictest.compare_date_unix` = `unix_time_now()`
- `basictest.most_recent` = `entries_retrieved[0]`
- `basictest.oldest` = `entries_retrieved[items_retrieved-1]`
- `basictest.python_time` = `most_recent['published_parsed']`
- `basictest.s` = `python_time`
- `basictest.dt` = `datetime(*s[:6], tzinfo=timezone.utc)`
- `basictest.rtime` = `calendar.timegm(s)`

8.3 BlueVortex-v2.py File Reference

Namespaces

- [BlueVortex-v2](#)

Variables

- string `BlueVortex-v2.maincf` = `'salt-main.toml'`
- `BlueVortex-v2.mcfdata` = `MainConfigInfo.read(maincf)`
- tuple `BlueVortex-v2.statecf` = `(mcfdata['GENERAL']['Statefile'])`
- `BlueVortex-v2.scinfo` = `StateConfigInfo.read(statecf)`
- `BlueVortex-v2.numfeedState` = `StateConfigInfo.check_feed_nums(scinfo)`
- `BlueVortex-v2.numfeeds` = `MainStateConsistency.feeds(maincf, statecf)`
- `BlueVortex-v2.alist` = `FetchFeeds.find_feeds(mcfdata)`
- list `BlueVortex-v2.feedData` = `[0] * numfeeds`
- list `BlueVortex-v2.itemsPerFeed` = `[0] * numfeeds`
- list `BlueVortex-v2.flrtimes_unix` = `[0] * numfeeds`
- list `BlueVortex-v2.flrtimes_iso` = `[0] * numfeeds`
- list `BlueVortex-v2.pflrtimes_u` = `[0] * numfeeds`
- list `BlueVortex-v2.pflrtimes_i` = `[0] * numfeeds`
- `BlueVortex-v2.now1` = `unix_time_now()`
- `BlueVortex-v2.now2` = `unix_time_now()`
- `BlueVortex-v2.u_scinfo` = `StateConfigInfo.update_entry_times(feedData,scinfo)`
- `BlueVortex-v2.j` = `StateConfigInfo.write_info(statecf, u_scinfo)`
- list `BlueVortex-v2.reftimes` = `[0,0]`
- `BlueVortex-v2.leData` = `HolderFedFeed(feedData)`
- `BlueVortex-v2.y` = `leData.feedQ`
- `BlueVortex-v2.z` = `leData.counter[i]['numE']`
- `BlueVortex-v2.lDe` = `leData.feeds[i][j]`
- `BlueVortex-v2.e` = `FedFeedEntry()`
- `BlueVortex-v2.tf` = `e.checkEntry2Pub(lDe,reftimes[i])`
- `BlueVortex-v2.toDoE` = `len(leData.UniFeed)`
- `BlueVortex-v2.keepgoing` = `bool(True)`
- list `BlueVortex-v2.midQueue` = `[]`
- `BlueVortex-v2.t` = `leData.newQueueExgest(i)`
- `BlueVortex-v2.a` = `entryCreate(t,i)`

- `BlueVortex-v2.b` = `t.get('media_content')`
- `BlueVortex-v2.mca` = `MediaContentAttach(t)`
- `BlueVortex-v2.altText` = `GetAltText(t)`
- `int BlueVortex-v2.skip` = 1
- `int BlueVortex-v2.noblobs` = 1
- `BlueVortex-v2.count` = `len(midQueue)`
- `BlueVortex-v2.Bcred` = `BskyCredentials()`
- `BlueVortex-v2.acct_name` = `mcfdata['BSKY_ACCOUNT']['Username']`
- `BlueVortex-v2.appPass` = `mcfdata['BSKY_ACCOUNT']['App_passwd']`
- `BlueVortex-v2.creds` = `Bcred.show_creds()`
- `BlueVortex-v2.myPastPosts` = `BskyFeed.get_author_feed(creds, 20)`
- `BlueVortex-v2.bpost` = `PostXwalk()`
- `BlueVortex-v2.sessT` = `Bcred.get_sessT()`
- `BlueVortex-v2.myDID` = `Bcred.myDID()`
- `list BlueVortex-v2.bskyQueue` = []
- `BlueVortex-v2.mQe` = `i`
- `string BlueVortex-v2.noBlobs` = 'no blobs'
- `BlueVortex-v2.lsSen` = `bpost.checkSensitive()`
- `BlueVortex-v2.bPuck` = `BskyPostPuck()`
- `string BlueVortex-v2.blobpost` = 'yes'
- `BlueVortex-v2.uu_scinfo` = `StateConfigInfo.update_bsky_now(u_scinfo)`

8.4 classfoo.py File Reference

Classes

- class `classfoo.A`
- class `classfoo.B`

Namespaces

- `classfoo`

Variables

- `classfoo.a` = `A()`
- `classfoo.b` = `B()`

8.5 config_feed_objsmeth.py File Reference

Classes

- class `config_feed_objsmeth.MainConfigInfo`
- class `config_feed_objsmeth.StateConfigInfo`

Namespaces

- `config_feed_objsmeth`

Functions

- def [config_feed_objsmeth.chk_main_state](#) (mainconfigfilename, stateconfigfilename)
- def [config_feed_objsmeth.open_read_mconfig](#) (mainconfigfile_name)
- def [config_feed_objsmeth.find_feeds](#) (main_config_info)
- def [config_feed_objsmeth.fetch_feed](#) (URL)
- def [config_feed_objsmeth.enumerate_feed_items](#) (feed)
- def [config_feed_objsmeth.sort_entries](#) (a_feed)
- def [config_feed_objsmeth.feedHandleFetchSort](#) (numfeeds, mainconfigdata)

8.6 configread.py File Reference

Namespaces

- [configread](#)

Variables

- string [configread.mainconfigfile_name](#) = './salt-main.toml'
- [configread.toml_in](#) = toml.load(mainconfigfile)
- string [configread.stateconfigfile_name](#) = './salt-state.toml'
- [configread.statetoml_in](#) = toml.load(stateconfigfile)
- [configread.now_iso](#) = datetime.now(timezone.utc).isoformat()
- [configread.now_unix](#) = time.time()
- string [configread.stateoutfile_name](#) = './salt-state.toml'

8.7 FediBskyXwalk.py File Reference

Classes

- class [FediBskyXwalk.PostXwalk](#)

Namespaces

- [FediBskyXwalk](#)

8.8 FediEntryObjects.py File Reference

Namespaces

- [FediEntryObjects](#)

8.9 FediFeedEntries.py File Reference

Classes

- class [FediFeedEntries.BROKENMiddleQueue](#)
- class [FediFeedEntries.HolderFedFeed](#)
- class [FediFeedEntries.FedFeedEntry](#)

Namespaces

- [FediFeedEntries](#)

Functions

- def [FediFeedEntries.entryAddImages](#) (self, rawpost)
- def [FediFeedEntries.entryFixTags](#) (tagstring)
- def [FediFeedEntries.cw_check](#) (origTxt)
- def [FediFeedEntries.entryCreate](#) (rawpost, seqcount)
- def [FediFeedEntries.entryAddBasic](#) (rawpost)
- def [FediFeedEntries.entryAddRatings](#) (rawpost)
- def [FediFeedEntries.addSummaryDetail](#) (rawpost)
- def [FediFeedEntries.addContentWarning](#) (origTxt)
- def [FediFeedEntries.entryCheckSensitive](#) (cleanerPost)
- def [FediFeedEntries.textTouchUp](#) (main_text, cw, fixed_tags)
- def [FediFeedEntries.MediaContentAttach](#) (medElem)
- def [FediFeedEntries.oollldMediaContentAttach](#) (e)
- def [FediFeedEntries.MediaContentHandle](#) (MediaContentSet)
- def [FediFeedEntries.GetAltText](#) (e)

8.10 FediQueueObjects.py File Reference

Namespaces

- [FediQueueObjects](#)

8.11 FediStructsMisc.py File Reference

Namespaces

- [FediStructsMisc](#)

8.12 FediXbSky.py File Reference

Namespaces

- [FediXbSky](#)

8.13 feedstructs.py File Reference

Namespaces

- [feedstructs](#)

Variables

- dictionary [feedstructs.simple_bsky_info](#)
- dictionary [feedstructs.main_config_genInfo](#)
- dictionary [feedstructs.main_config_feedInfo](#)
- dictionary [feedstructs.state_config_genInfo](#)
- dictionary [feedstructs.feed_metadata](#)
- dictionary [feedstructs.bsky_post_metadata](#)
- dictionary [feedstructs.post_constructor](#)
- dictionary [feedstructs.post_altText_plus](#)
- dictionary [feedstructs.post_media_item](#)

8.14 heavy_lifting.py File Reference

Classes

- class [heavy_lifting.MainStateConsistency](#)
- class [heavy_lifting.MainConfigInfo](#)
- class [heavy_lifting.FetchFeeds](#)
- class [heavy_lifting.StateConfigInfo](#)
- class [heavy_lifting.FeedEntriesMash](#)
- class [heavy_lifting.FeedEntriesFix](#)
- class [heavy_lifting.MediaMessage](#)

Namespaces

- [heavy_lifting](#)

8.15 main-v1.py File Reference

Namespaces

- [main-v1](#)
- [main](#)

-v1

Variables

- `main-v1.rval` = `StateConfigInfo.create('foo.toml')`
- `main-v1.t` = `MainConfigInfo.read('salt-main.toml')`
- `main-v1.x` = `StateConfigInfo.read('salt-state.toml')`
- `main-v1.z` = `StateConfigInfo.check_feed_nums(x)`
- `main-v1.hmf` = `FetchFeeds.check_feed_nums(t)`
- list `main-v1.feedURLs` = `[0]* hmf`
- list `main-v1.fd_content` = `[0]* hmf`
- `main-v1.j` = `FetchFeeds.enumerate_feed_items(feed[j])`
- `main-v1.a` = `StateConfigInfo.write_info('salt-statetest.toml',x)`
- string `main-v1.configfileName` = `'./salt-main.toml'`
- `main-v1.configDets` = `open_read_config(configfileName)`

8.16 main-v2.py File Reference

Namespaces

- `main-v2`
 - `main`
- v1

Variables

- `main-v2.rval` = `StateConfigInfo.create('foo.toml',3)`
- `main-v2.t` = `MainConfigInfo.read('salt-main.toml')`
- `main-v2.x` = `StateConfigInfo.read('salt-state.toml')`
- `main-v2.z` = `StateConfigInfo.check_feed_nums(x)`
- `main-v2.foo` = `MainStateConsistency.feeds('salt-main.toml', 'salt-state.toml')`
- `main-v2.numfeeds` = `MainConfigInfo.check_feed_nums(t)`
- `main-v2.feedURLs` = `MainConfigInfo.read('salt-main.toml')`
- `main-v2.reftime_unix` = `unix_time_now()`
- `main-v2.sortedFeedDict`
- `main-v2.enumFeedItems` = `sortedFeedDict['enumFeedItems']`
- `main-v2.sortedEntries` = `sortedFeedDict['sortedEntries']`
- `main-v2.uet` = `StateConfigInfo.update_entry_times (sortedEntries,x)`

8.17 main-v3.py File Reference

Namespaces

- `main-v3`
 - `main`
- v1

Variables

- string `main-v3.maincf` = 'salt-main.toml'
- `main-v3.mcinfo` = `MainConfigInfo.read(maincf)`
- tuple `main-v3.statecf` = (`mcinfo['GENERAL']['Statefile']`)
- `main-v3.scinfo` = `StateConfigInfo.read(statecf)`
- `main-v3.numfeedState` = `StateConfigInfo.check_feed_nums(scinfo)`
- `main-v3.checkmainfeeds` = `MainConfigInfo.check_feed_nums(mcinfo)`
- `main-v3.nufeeds` = `MainStateConsistency.feeds(maincf, statecf)`
- `main-v3.alist` = `FetchFeeds.find_feeds(mcinfo)`
- list `main-v3.feedData` = `[0] * nufeeds`
- list `main-v3.itemsPerFeed` = `[0] * nufeeds`
- `main-v3.u_scinfo` = `StateConfigInfo.update_entry_times(feedData, scinfo)`
- `main-v3.j` = `StateConfigInfo.write_info(statecf, u_scinfo)`
- int `main-v3.reftime` = 0
- `main-v3.NeuFeedData` = `FeedEntriesMash.WhichEntries2Pub(reftime, feedData)`
- `main-v3.count` = `FeedEntriesMash.ComputeNumOutbound(NeuFeedData)`
- `main-v3.keepgoing` = `bool(True)`
- `main-v3.feedIn` = `NeuFeedData`

8.18 oldTester.py File Reference

Namespaces

- `oldTester`

Variables

- string `oldTester.maincf` = 'salt-main.toml'
- `oldTester.mcfdata` = `MainConfigInfo.read(maincf)`
- tuple `oldTester.statecf` = (`mcfdata['GENERAL']['Statefile']`)
- `oldTester.scinfo` = `StateConfigInfo.read(statecf)`
- `oldTester.numfeedState` = `StateConfigInfo.check_feed_nums(scinfo)`
- `oldTester.numfeeds` = `MainStateConsistency.feeds(maincf, statecf)`
- `oldTester.Bcred` = `BskyCredentials()`
- `oldTester.acct_name` = `mcfdata['BSKY_ACCOUNT']['Username']`
- `oldTester.appPass` = `mcfdata['BSKY_ACCOUNT']['App_passwd']`
- `oldTester.creds` = `Bcred.show_creds()`
- `oldTester.myPastPosts` = `BskyFeed.get_author_feed(creds, 2)`
- `oldTester.j` = `Bcred.show_creds()`
- `oldTester.BskyTest` = `BskyPostPuck()`
- `oldTester.sessT` = `BskyTest.get_sessT()`

8.19 oops.py File Reference

Namespaces

- `oops`

Variables

- string `oops.maincf` = 'salt-main.toml'
- `oops.mcinfo` = `MainConfigInfo.read(maincf)`
- tuple `oops.statecf` = (`mcinfo['GENERAL']`['Statefile'])
- `oops.fred` = `StateConfigInfo.create(statecf, NFeeds=2)`
- `oops.scinfo` = `StateConfigInfo.read(statecf)`
- `oops.numfeedState` = `StateConfigInfo.check_feed_nums(scinfo)`
- `oops.checkmainfeeds` = `MainConfigInfo.check_feed_nums(mcinfo)`
- `oops.nufeeds` = `MainStateConsistency.feeds(maincf, statecf)`
- `oops.alist` = `FetchFeeds.find_feeds(mcinfo)`
- list `oops.feedData` = `[0] * nufeeds`
- list `oops.itemsPerFeed` = `[0] * nufeeds`
- `oops.u_scinfo` = `StateConfigInfo.update_entry_times(feedData,scinfo)`
- `oops.j` = `StateConfigInfo.write_info(statecf, u_scinfo)`
- int `oops.reftime` = 0
- `oops.NeuFeedData` = `FeedEntriesMash.WhichEntries2Pub(reftime,feedData)`
- `oops.count` = `FeedEntriesMash.ComputeNumOutbound(NeuFeedData)`
- `oops.keepgoing` = `bool(True)`
- `oops.feedIn` = `NeuFeedData`

8.20 README.md File Reference

8.21 temphold.py File Reference

Namespaces

- `temphold`

Functions

- def `temphold.entryAddRatings` (rawpost)
- def `temphold.addSummaryDetail` (rawpost)

8.22 timerTest.py File Reference

Namespaces

- `timerTest`

Variables

- string `timerTest.maincf` = 'salt-main.toml'
- `timerTest.mcfdata` = `MainConfigInfo.read(maincf)`
- tuple `timerTest.statecf` = (`mcfdata['GENERAL']`['Statefile'])
- `timerTest.scinfo` = `StateConfigInfo.read(statecf)`
- `timerTest.numfeedState` = `StateConfigInfo.check_feed_nums(scinfo)`
- `timerTest.numfeeds` = `MainStateConsistency.feeds(maincf, statecf)`
- `timerTest.alist` = `FetchFeeds.find_feeds(mcfdata)`
- list `timerTest.feedData` = `[0] * numfeeds`
- list `timerTest.itemsPerFeed` = `[0] * numfeeds`
- list `timerTest.flrtimes_unix` = `[0] * numfeeds`
- list `timerTest.flrtimes_iso` = `[0] * numfeeds`
- list `timerTest.pflrtimes_u` = `[0] * numfeeds`
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