

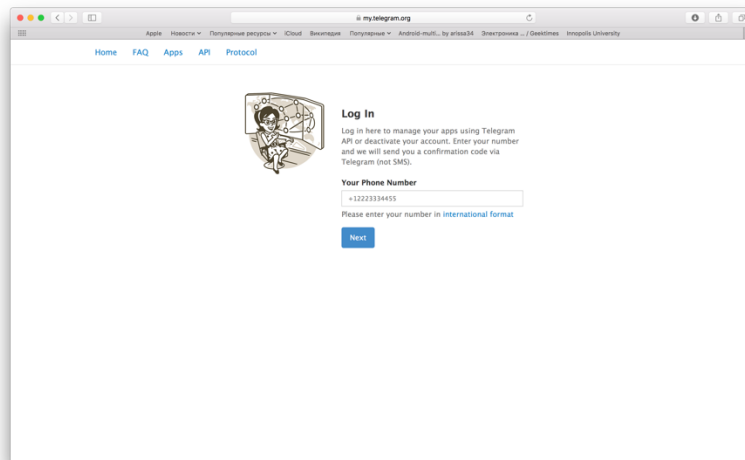
# Innopolis Library Media Keeper – Tests

Tests are run by launching testbot\_D2.py The most difficult thing is to create sessions for using them.

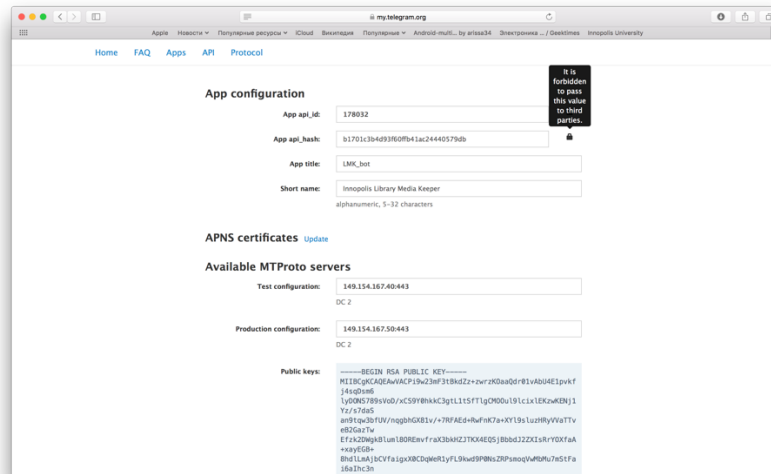
1. Make sure you have telethon library installed.
2. Add users to config\_test.py

For each user you need to do the following:

1. Visit my.telegram.org

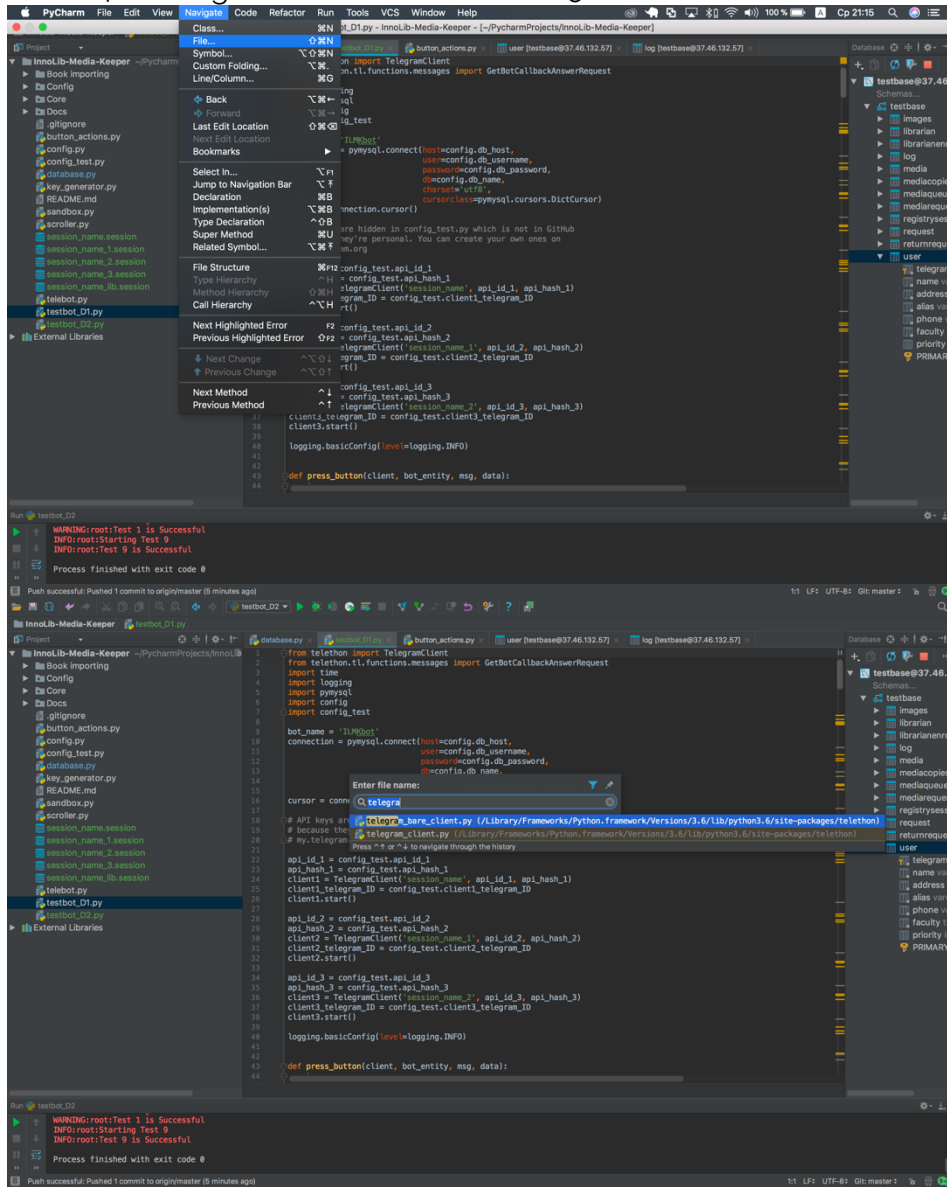


2. Authorize
3. Go to “API development tools”
4. Create an app
5. Fill in api\_id, api\_hash, and your Telegram ID to config\_test.py



3. Run testbot\_D2.py
4. Authorize in console
5. Stop testbot\_D2.py

6. Navigate (Navigate -> File) to telethon's telegram\_bare\_client.py  
In line 411 change number of retries from 5 to 1



```
486
487
488 # endregion
489
490 # region Invoking Telegram requests
491
492 def __call__(self, requests, retries=1):
493     """Invokes (sends) a MTProtoRequest and returns (receives) its result.
494     The invoke will be retried up to 'retries' times before raising
495     RuntimeError().
496     """
497     if not all(isinstance(x, TLObject) and
498                x.content_related for x in requests):
499         raise TypeError("You can only invoke requests, not types!")
500
501     if self._background_errors:
502         raise self._background_error
503
504     for request in requests:
505         request.resolve(self, utils)
506
507     # For logging purposes
508     if len(requests) == 1:
509         which = type(requests[0]).__name__
510     else:
511         which = '{} requests ({}):'.format(
512             len(requests), [type(x).__name__ for x in requests])
513
514     # Determine the sender to be used (main or a new connection)
515     # _log.debug('Invoking %s', which)
516     call_receive = \
517         not self._idling.is_set() or self._reconnect_lock.locked()
518
519     for retry in range(retries):
520         result = self._invoke(call_receive, requests)
521         if result is not None:
522             return result
523
524     # _log.warning('Invoking %s failed %d times, '
525     #              # 'reconnecting and retrying',
526     #              # (str(x) for x in requests), retry + 1)
527     sleep(1)
528     # The ReadThread has priority when attempting reconnection,
529
530 TelegramBaseClient: __call__()
```

Run testbot\_D2

```
WARNING:root:Test 1 is Successful
INFO:root:Starting Test 9
INFO:root:Test 9 is Successful
Process finished with exit code 0
```

Push successful: Pushed 1 commit to origin/master (0 minutes ago)

7. Re-run testbot\_D2.py
8. Now all tests must run properly!

Everything else is very intuitive, if you have any questions, you can write to any member of our team: @man12102, @simplearink, @broccoli\_nastya, @Oydinosh