

 Deliverable-1.md

# Building and Testing Apertium

## Building

Although Apertium is a large project consisting of over 500 repositories, careful inspection of their wiki led us to [this page](#). This page shows the specific repositories that are the core pieces for building, developing, and testing. This was extremely straight forward in how to properly clone and build while on VirtualBox running Ubuntu 20.04.1.

There were certain dependency issues that arose while attempting to configure the project but in our experiences all of these were solved from skimming over the [README](#) and [troubleshooting wiki entry](#).

## Testing

From here we inspected each of the three core repositories and found their test folders. There are prebuilt test files inside the *apertium* and *ltoolbox* repositories that are in the format of a python script and are executed like this in the home directory of the project similar to the

way shown below:

```
robert@robert-VirtualBox:~/Desktop/apertiumtools/apertium$ python3 ./tests/run_
tests.py
```

## Experiences

Initially the thought of getting this project off the ground was very tenuous for Best-Team. But the factor that saved our hide was amazing documentation and an extremely thorough wiki from the Apertium team.