MQP Meeting minutes

Date and Time	Tuesday 3 October 2013 at 2:00 pm
Venue	Craig's Office
Participants	Curtis, Craig, Krishna, Dan

Item	Notes and Discussion
Lesson on Paper writing	- Krishna and Craig explained the right and wrong way to go about writing an academic paper of any decent size. - Wrong: Writing the introduction first - Right: Iteratively updating each section with concise bullet points on a daily basis. Translate them to paper later on. - Apply literature design patterns: NABC and Heilmeier's Catechism - Thinking about these principles throughout writing will help better structure the report. - Bullet points are fine as long as they cover the subject area. Don't have to take a deep dive into formal writing.
Python prototype so far	- Twisted proxy is here to stay. - Infrastructure for taking requests and dispatching threads for each client is all set up (thanks to Twisted's robustness). - Need to reevaluate design for managing and splitting up the packets. - Having trouble managing data returned by peer client helpers. - Look into map-reduce algorithm and multi-threading with python.
Related Works Overview	- A lot of work has been done so far, dating back to the early 90s. - Packet reordering and traffic distribution are the two key concerns with bandwidth aggregation. Each of the many realizations achieve this in their own way. - Luckily, we're circumventing packet reordering - New research focuses on Multipath TCP and combining multiple RATs (different antennas)
For Next Week	- Dive into threading with python to get a manager thread working. - Consolidate report into one file, contribute daily to each section.