

Homework #1: Design the Internet

Group or Individual: Group

Imagine that you are back in the 1970's, and the Internet doesn't exist yet. Design it!

Things to think about:

1. You hope that the internet will become used across the world by millions of people.
2. It must be highly reliable.
3. There may be different types of computers to connect to it. And computers will change. Can you design the internet architecture so that it does not have to change when computers change?

Important:

1. You can find a lot about the internet architecture on the web. Do not look. You will learn more if you try to design the internet without looking.
2. You will NOT be graded on the quality of your design. You will be graded on whether you tried to design it.

To turn in:

1. Write a description of your architecture. Use diagrams and written text to explain it. Add a legend to the symbols you use in the diagrams, so that all can interpret them the same way as you.
2. Later in the class you will learn about documenting software architectures. You don't know anything about it yet. Do the best you can and don't worry.