Chapter 1

1. The W3C was founded in 1994 by Tim Berners-Lee. It was founded at the MIT Laboratory for Computer Science, coincidentally where the Web originated about 5 years earlier.
   1. Membership to the W3C is open to all individuals and/or organizations
   2. The HTTP Activity protocol is managed as part of the W3C’s Architecture Domain.
   3. Included in the HTTP Activity is
      1. Virtual Hosting Support, this allows for more than one domain to use the same or a single IP address instead of needing one domain per IP. This is a great benefit allowing IP address depletion to occur a little slower.
      2. Efficient caching which essentially allows more users to visit the same web site or page without “bogging” down traffic on the internet.
      3. Digest Authentication which is a standard used for users to authenticate themselves to a server.
2. The Internet Society take an active leadership role in issues related to the internet. Visit its site at <http://www.internetsociety.org/>and then answer the following questions.
   1. The Internet Society was formed to function as a professional society to facilitate, support, and promote the evolution and growth of the Internet as a global research communications infrastructure. The suggestions and recommendations of all parties interested in the Internet are solicited to assist in making the Internet Society robust, productive, and structured to meet the needs of its members.
   2. The closest local chapter to us is in Washington, D.C. <http://www.isoc-dc.org/>
   3. All you have to do to join is create an account and login. It doesn’t cost anything. I am not sure that I would recommend it for a beginner, however, I would recommend it for any website developer who intends on being in the business in a professional capacity. It would be a place you can learn about some of the standards and protocols you would need to use and give you a voice in some of the new upcoming standards and/or protocols as they advance in the future.