MonoTorrent - Bug # 568: Ipv6 support

Status:	New	**Priority:**	Normal
Author:	UO UO	**Category:**	
Created:	02/25/2011	**Assigned to:**	
Updated:	02/25/2011	**Due date:**	
Subject:	Ipv6 support		
Description:	I found two ipv6 bugs.		

1. URI exception in SocketListener.EndAccept

Problem line:
Uri uri = new Uri("tcp://" + endpoint.Address.ToString() + ':' + endpoint.Port);

It will raise exception "Invalid URI: A port was expected because of there is a colon (':') ..... "
Because ipv6 uses ":" to seperate each section, it violates the uri name rule.
This line should like this for ipv6 usage.

uri = new Uri("tcp://[" + endpoint.Address.ToString() + "]:" + endpoint.Port);

2. Ipv6 listening in SocketListener.Start

problem line:

listener = new Socket(AddressFamily.InterNetwork, SocketType.Stream, ProtocolType.Tcp);

This line only initializes an ipv4 listening socket.

History