

## MonoTorrent - Bug # 568: Ipv6 support

<b>Status:</b>	New	<b>Priority:</b>	Normal
<b>Author:</b>	UO UO	<b>Category:</b>	
<b>Created:</b>	02/25/2011	<b>Assigned to:</b>	
<b>Updated:</b>	02/25/2011	<b>Due date:</b>	
<b>Subject:</b>	Ipv6 support		
<b>Description:</b>	<p>I found two ipv6 bugs.</p> <ol style="list-style-type: none"><li>1. URI exception in SocketListener.EndAccept</li></ol> <p>Problem line:</p> <pre>Uri uri = new Uri("tcp://" + endpoint.Address.ToString() + ':' + endpoint.Port);</pre> <p>It will raise exception "Invalid URI: A port was expected because of there is a colon (':') ..... "</p> <p>Because ipv6 uses ":" to separate each section, it violates the uri name rule.</p> <p>This line should like this for ipv6 usage.</p> <pre>uri = new Uri("tcp://[" + endpoint.Address.ToString() + "]" + endpoint.Port);</pre> <ol style="list-style-type: none"><li>2. Ipv6 listening in SocketListener.Start</li></ol> <p>problem line:</p> <pre>listener = new Socket(AddressFamily.InterNetwork, SocketType.Stream, ProtocolType.Tcp);</pre> <p>This line only initializes an ipv4 listening socket.</p>		

### History

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