

./kamaki - Feature # 3173

Status:	Closed	Priority:	Medium
Author:	Stavros Sachtouris	Category:	
Created:	01/09/2013	Assignee:	Stavros Sachtouris
Updated:	02/01/2013	Due date:	01/30/2013

Subject: number of threads in multithreaded sessions

Description

Kamaki dynamically modifies the number of threads in multithreaded operations (e.g. upload, download).

Current algorithm initializes threads to 1 and attempts to increase by 1 each session.

In each session it calculates average time per requests + response and compares with the previous session

If an increase led to faster avg times, #threads are further increased, otherwise reduced by 1.

This is simple and effective, but it can be further improved:

- if a high number of threads leads to a timeout, this high number should be set as upper limit for the sessions following.
- except from avg (sum(times)/#times), other statistical methods should be tested

History

#1 - 02/01/2013 03:29 pm - Stavros Sachtouris

- Status changed from New to Closed
- Target version set to v0.6.3
- % Done changed from 0 to 100