DCMTK - Feature #128

implement asynchronous C-Store SCU/SCP

1998-01-01 00:00 - Marco Eichelberg

Status:	New	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0:00 hour
Target version:			
Module:	storescp, storescu, imagectn?; affects dcmnet, dcmdata?	**Compiler:**	
Operating System:			

Description

An "intelligent" storescu would have one thread loading the images to memory and putting them into some queue and another thread sending out the images with asynchronous acknowledge. An "intelligent" storescp would have one thread listening to the network and receiving the images in memory (or directly on disk?) and another one being responsable for storage and ack. Make measurements of differences in throughput and latency; write paper!

[Note: asynchronous association window negotiation is not implemented in dcmnet, both in assoc and in the DUL code. This is the only part of ACSE still missing in DCMTK!]