		specific	submitted against k/u ation (April 30, 2003) & ation (July 22, 2004)			by default - uDAPL spec	1 is the highest, 5 is the lowest.	s								
Change Tracking Number	Group Number	Change Type	Title	Owner	Subsection	Page	Line Assigned Severity	Problem Description	Problem Resolution	Status	Original Text	Corrected Text	Submitter	Submission Date	Resolution Date	Which spec release
	New 1 Proposal	Proposal	Query IA_address	Arkady			4	Define new API to query IA_Address	Postpone after DAPL-	Open	N/A	N/A	Arkady	6/21/2002		post 2.0
	Description	Proposal	Query IA_socress	Airady			4	Specia for closer or segme EVD We meet to cover 4 cecentries. A Provider create layer, EVD per Consumer request (MLL, Harded). This work on two. It Consumers perspectives (DAT, EVD, ASYNC, EXRSTS. There are 2 cecentrics hidrigh piere. One is the case when anyone EVD access cess is consensation. The network DAT, EVD, OLT, OF, SCOPE meet of their cells refusion. The passage of the consumers of the cells of	Postpone after DAPL- 2.0	Open	N/A	Whatever way we want to clarify this we should split async- EVD into two EVDs and add one more event stream. The async events should be split into affiliated and non-affiliated events. Only non-affiliated one can be shared. Consumer should be bale to specify if does not care of affiliated events. Only this is, handle can get affiliated events associated with this handle. This will bring IT API and DAT	PERSON	0/21/2002		post 2.0 (this is large ticket item. Can be moved of 2.0 but will require some time to fix and agree
	S clarification Description	spec	async EVD for ia_open	Arkady	Chapter 6		1	Not clear what implementation should do when mismatched ORD/IRD for CR are passed on Accept? Do we generate Invalid Parameter and let Consumer change them? And if Consumer can not Consumer can Reject. Or Implementation just generate MAID for another side and connection is not established and Consumer gets Connection Completion Error		Open	N/A	closer together.	Randy Smith	5/16/2003		on it)
78	3 clarification	spec	Invalid_parameter for connect	Arkady	Chapter 6		2	I was bying 10 grad or COMPLETION PERIONIC is all about, and I thankly local is in the inclusion Hispathesis and diagram. The box is in purple, but it should be system. On TOPIP, an Another will know you defendly be CONNECTED, potentially, so the state never really exists. I sall think it directly be considered to CONNECTED, potentially, so the state never really exists. I sall think it directly be considered by CONNECTED, potentially, so the state never really exists. I sall think it directly be considered by CONNECTED, potentially, so the state never really exists.		Closed			Arkady	6/3/2003	10/27/2006	post 2.0.
89	Description darification	Chapter 6	DAT_EP_STATE_COMPLETION_ PENDING	Caitlin	Chapter 6	115 & bottom of 118	4	I claim that even though you may never actually be in this state, it is still a valid state and should be properly called out as such.		Closed			Steve Sears	7/15/2003	10/27/2006	2.0 (CM)
	Description		ia_handle for Imr_ create but not					Why does dat_Imr_create require ia_handle to be passed as an argument and why dat_mmr_create does not require ia_handle? If dat_Imr_create does require ia_handle cant it get from pz_handle?								
92	2 clarification	Chapter 6	mr_create	Arkady	Chapter 6		5	have a question about sp_connect. The 1.1 spec says that it is supposed to be synchronous. Des that mean sp_connect can block until supposed to be synchronous. Both is that mean sp_connect can block until synchronous. Subce_connect? What is means that connect can like all is synchronous. The return of the send means that connect can like all is synchronous. The return of the send means that connect can like connect. Can like some spondronously as stated in the discription of the call. Dist for day_connect.		Closed			Maha	7/21/2003	10/27/2006)post 2.0
97	Description	Chanter 6	eure le seure	Arkady	Chapter 6	144	20 3	But I think it will be cleared to state that this call is asynchronous. This will be consistent with disconnect which is asynchronous. Another possibility is to get ind of all these statements "sync" and "async". The description provides all the info for sync vs. async. Plus we can explicitly state what successful return mean for each call.		Closed			Eric Chang (Sun)	7/11/2003	10/27/2006	220 (CM)
5/					apica d					5.5500			a. ang (adii)			
101	Bug	Chapter 6 & Appendix A	Async EVD evd_flags	Arkady	Chapter 6		2	Need to define what the evd_flags for async EVD created by Provider for ia_open, Define when Provider can and can not block. Can Provider not block and return event if # of events is < threshold? I propose that we take the IT API rules for it:		Open			Arkady	7/29/2003		post 2.0 (sync with 75)
107	Description clarification	Chapter 6	.dal. evd. wall blooking semantic	Arkady	Chapetr 6			A wather can be blocked. An EVO wather will block when EVO quoue is empty. An EVO water my block when EVO has not readed the coldication criteria. A "notification even evit" is one of the following. An event corresponding to a DTO and was posted with the AVTIE/CATON, SUPPRESSION dear. An event was posted with the AVTIE/CATON, SUPPRESSION dear. An event of the following and the suppression of the AVTIE/CATON, SUPPRESSION dear. An event of the suppression of the AVTIE/CATON, SUPPRESSION dear. An event of the suppression of the AVTIE/CATON, SUPPRESSION dear. An event of the suppression of the AVTIE/CATON, SUPPRESSION dear. An event of the SUPPRESSION dear. An event of the SUPPRESSION dear. An even of the SUPPRESSION dear. An event of the SUPPRESSION dear. As a SUPPRESSION dear. A suppression dear the SUPPRESSION dear. As a SUPPRESSION dear. As a Notification Event quantity of the SUPPRESSION dear. As a Notification Event on the quanter of the number of event on the SUPPRESSION dear. As a SUPPRESSION dear. As a Notification Event on the quanter of the number of event on the SUPPRESSION dear. As a Notification Event on the quanter of the number of event on the SUPPRESSION dear. As a Notification Event on the quanter of the number of event on the SUPPRESSION dear and suppression the supervision of the SUPPRESSION dear. As a suppression of the supervision dear. As a suppression dear a Notification Event on the suppression of the supervision dear and the supervision of the SUPPRESSION dear. As a suppression dear a notification Event on the suppression dear and the suppression dear and the suppression dear and the suppression dear of the suppression dear and the suppression d		Open			Arkady	7/30/2003		oost 2.0
		Chapter 6 &			Chapter 6 &			specification body, i.e. Chapter 6 as a file descriptor in Unix system and the header file declaration, Appendix A as a callback function. If the "OS Wait Proxy Agent" is going to be removed in 1.1, this motion will affect the existent of DAT_CNO_Modity_Agent() function.								
111	Bug	Appendix A	OS wait proxy signature	Arkady	Appendix A		1	Suggest to remove OS Wait Proxy definition from header files. Need to clarify what events are generate on the active side if accepting EP is destroyed before connection is established.	1	Closed			Sherman Pun	7/31/2003	10/27/2006	2.0 (Sherman proposal)
112	Description clarification	connection managemen t	accepted EP destroyed before connection is establihed	Arkady	Chapter 6		4	Suggest to either generate connection_established followed by disconnect or reject event will be generated.		Open			Arkady	7/31/2003		2.0 (CM)
	Description	connection managemen	remote disconnect while locally in					Need to specify what happens both locally and remotely when remote disconnect is issued when local EP is in disconnect pending state.								
	Description Clarification	t connection managemen t	disconnect pending remote ep_free while local EP in disconnect pending	Arkady	Chapater 6 Chapter 6		4	Need to specify for both abrupt and graceful remote disconnect. Need to specify what happens both locally and remotely when remote ep_free is issued when local EP is in disconnect pending state.		Open			Arkady Arkady	8/1/2003 8/1/2003		post 2.0 (CM) post 2.0 (CM)
	Description	connection managemen	ep_reset for provider controlled				1	Spec does not state what happens when ep_reset is called for provider controlled EP states. We should stated that it should return an error. Update EP state transition diagram.								
	Description	connection managemen t	states cr_accept for EP states	Arkady/Caitlin_	Chapter 6 Chapter 6		4	Specify in which states it is legal to call or_accept. Should be legal for Unconnected, Plassive and Tertative Connection pending.		Open Closed		A connection can be accepted only on an Endpoint that is in Libconnected state if the Endpoint was not provided in the Connection Request, or on the Endpoint in Passive or provided in the Connection Request. Il connection is trying to be accepted on the Endpoint in any other state the operation falls with DAT_INVALID_EP_STATE return.	Arkady Arkady	8/2/2003 8/2/2003	5/5/2004	partially in 1.2, leave open to deal with WARP CM.
		Completion	Recy WQ cannot support					EP Recv VMC can not support completion suppression not IB. IT API does not support it. Proposal 1: remove completion suppression from Recv posting. Dromadact than includy will have interest to implement it. Proposal 2: Split Complation flag support Provide attribute into 2 flags. Once for Rev and note (Request MO or For Request MO).								
118	Proposal	flags	Completion suppression flag	Arkady	Chapter 6		3	In dat_cno_wait, if the timeout expires, the spec says it should return DAT_QUEUE_EMPTY.		Open			Arkady	8/4/2003		2.0 (CM) (proposal 2)
110	Proposal	Spec	CNO wait timeout expired	Arkady	Chapter 6		5	Q1 : Why is this different from dat_evd_wait where it returns DAT_TIMEOUT_EXPIRED in the same situation ?		Open			Maha	8/6/2003		post 2.0
				,	-			DAT_CNO_WAIT does not specify what the return value should be if IA is closed or all associated EVDs are destroyed.								
120	Description clarification	Spec	CNO_wait return for abort	Arkady	Chapter 6	77	23-25 3	Suggest to specify that DAT_ABORT is return for this case. Currently, spec states if EP is not configured for threshold Consumer must use threshold=1 for		Open			Maha	8/6/2003		post 2.0
			threshold value for non-threshold					evid, wait on associated EVID for request/recv. This is misleading, in reality Consumer is waining with threshold-Infinity since only notifications (and timeout/05 signats/ABort) controlled urblocking. Suggest to change this to threshold-DAT_THRESHOLD_INFINITY which also need to be defined.								post 2.0 (IT event model
121	Proposal	spec	configuration	Arkady	Chapter 6	90	15-20 4	Suggest we tackle that as part of IT API convergence.		Open	<u> </u>		Arkady	8/7/2003	<u> </u>	convergence)

	1 1				ı	T	1 1	the Endpoint state table lists Active Request Pending.			1		
								The State Transition Diagram and header EP states list this state as Active Connection Pending.					
400	Description		Active Connection Pending State	Arkady	Chapter 6	132		Reconsile the name. Propose to choose the Active Connection Pending. Need to find all the places where Active Request Pending is used.	Closed	Arkady	8/7/2003	10/27/2006	
122	ciarification	spec	Post to Request WO in FP	Arkady	Chapter 6	132	26 5	Why we do not allow post to Request WQ in Completion Pending state? IB allows it. VI does exposes this state at all. iWARP probably will not expose that state also since it is 2 step connection	Closed	Ankady	8///2003	10/27/2006	2.0 (CM)
124	Proposal	Spec	completion pending state	Arkady	Chapter 6		4	exposes any state at an INVACE producing will not expose that state also since it is 2 step connection establishment. If multuple completion status returns are aplicible which one will be returned? If we do not provide	Open	Arkady	8/7/2003		post 2.0
126	Description clarification	Spec	Multiple completion stati	Arkady	Chapter 6	185	4	any guarantee lets just state so. Maybe some partial order is there. For example if Flushed is one of the error it takes precedence over others.	Open	Arkady	8/8/2003		post 2.0
								Spec is not clear on what happens with Provider created EP of PSP after cr_handoff as well as for EP in Passive connection pending state.					
								Suggest we explicitly describe the behavior as identical for cr_reject. That control of the local EP is					
128	Description clarification	Spec	cr_handoff and Provider created EP	Arkady	Chapter 6		3	returned back to the Provider and its ep_handle is no longer usable by the Consumer. Add this as an additional bullet on top of page 100. Add a pointer to the usage statement for dat_psp_create.	Open	Arkady	8/22/2003		post 2.0 (CM)
129	Description clarification	Spec	Usage statement for psp_create_any	Arkady	Chapter 6	103	1 5	Add a pointer to the usage statement for dat_psp_create. Spec does not state about stickiness of notification after one CNO_waiter is unblocked.	Open	Arkady	8/22/2003		post 2.0
								Specifically for the following scenario. CNO waiter is unblocked and call CNO wait again.					
130	Description clarification	Spec	CNO_wait blocking behavior	Arkady/Caitlin	Chapter 6		3	Suggested clarification is that once a waiter is unblocked the next (new or existing) CNO waiter will be unblocked when CNO will be kicked again by an EVD.	Open	Arkady	8/22/2003		post 2.0
								The operation is valid for the Endpoint in the DAT_EP_STATE_CONNECTED and DAT_EP_STATE_DISCONNECTED states. If the operation returns successfully for the Endpoint in					
								the DAT_EP_STATE_DISCONNECTED state, the posted Send is immediately flushed to request_evd_handle.					
								Why is this? DISCONNECT_PENDING corresponds to the IB state SQD, which allows a posting but					
								will immediatly flush the WQE. Do we need to check the EP state in this hot path? I'm reluctant to do it, but will for spec					
								compliance.					
								Currently DAT specifies that posting Send, RDMA Read, Write and RMR Bind will fail synchronously.					
								l agree that this not really needed. We can leave it to the driver or HCA to deal with it. IB spec stated that it will be queued but not processed (C10-96, page 467 ibts-1.1 spec).					
								RDMAC verbs defines behavior for all stated of QP for iWARP. The state that DAT disconnect pedning will be mapped to is Terminate that provides the same behavior as IB SQD state.					
			0					So I propose that we state that Send, RDMA Read, Write and RMR Bind can be posted to EP					
131	Proposal	Spec	Send posts to disconnect pending state	Arkady	Chapter 6	1	4	in disconnect pending state but these will not be processed and will complete with flushed returned as EP transitions into disconnected state. As usual if EP is destroyed the general Do we allow Recv. posting to EP in tentative connection pending if P2 and EVD are not set up yet?	Open	Arkady	8/26/2003		post 2.0
	Description		Posting Recv in Tentative					EP attributes? If we allow the posting then what happens on cr_reject or cr_handoff?					
134	clarification	Spec	Connection pending State	Arkady	Chapter 6		4	DTO completion execut disease not return which tune of DTO completed. Thus, Ear Consumers that	Open	Arkady	8/26/2003		post 2.0
								DTO completion event does not return which type of DTO completed. Thus. For Consumers that need it they need to hijacked dto_cookie for at. While Providers on all RDMA transport already hijack the cookie to length and other reason. Hijacking cookie on every layer just decrease performance.					
								Especially important for sharing EVD between recv and send where Consumer need to separate Send and Recv completions.					
			DTO completion event specify		Chapter 6 &			Instead of adding one more field we can define new dto numbers to separate DTO types. IT API					
140	Proposal	Spec	which operation type completed	Arkady	Appendix A		3	does it already. Spec should state what should happened when Consumer create EVD for async event stream.	Open	George	9/8/2003		post 2.0
	Description			Arkady				Does it automatically replaces existing asynch EVD? Is it idle and can be used to open another IA or reopen the current one for which EVD was created? Is it an error? DAT does not define a way for		Arkady	01010000		
	clarification Description clarification	Spec	dat_evd_create for async events get_context for no context	Arkady	Chapter 6 Chapter 6		2	Consumer to replace async EVD. Define what the operation return should be when there is no associated context for the handle, and what the return value for the return context should be or undefined.	Open	Arkady	9/8/2003		post 2.0 post 2.0
142	Description	эрес	ger_context for no context	Alkady	Chapter 6			what whe return value for the recurricultext anotate or or indemnet. While dat_evd_free description states that there should be "no threads blocked on the EVD" it does not state what happens if this is not the case. Does Provider need to check for it? Which error	Open	Alkady	9/12/2003		post 2.0
145	clarification	Spec	evd_free error for blocked waiter	Arkady	Chapter 6	82	4	should be returned if Provider checks for it? Need to specify a separate path for Solicited Wait events since EVD can be configured for them. It is analogous to notification events path but separates notificiation events from solicited wait ones.	Open	Arkady	9/17/2003		post 2.0
	Description							is analogous to notification events path but separetes notificiation events from solicited wait ones. The corresponding text on pages 67 and 68-69 is also need to be updated.					
146	clarification	Spec	EVD state transition diagram	Arkady	Chapter 6	68	3	The specification for dat_ep_dup_connect places no restriction as to what IA the dup EP Handle is	Open	Arkady	9/18/2003		post 2.0
								issued by. The purpose of making dup_connect a distinct function was to allow for the possibility that some					
								The purpose or making dup_connect a distinct function was to allow for the possibility that some Provider might be able to opsimize this process beyond merely looking up the remote address of the to-be-duplicated handle and then making a request call. "That" could have been done by a macro.					
								So, is it allowable for a DAT Provider to assume that the other handle passed to it in a dup_connect					
								is one that it created?					
								Note: the reference implementation makes this assumption.					
								I believe this is a valid assumption, but we should enter the clarification as an errata.					
161	Description clarification	Spec	dup_connect passed in ep_handle	Caitlin	Chapter 6		5	DAT UPON I SHE	Closed	Caitlin	12/15/2003	10/27/2006	2.0 (CM)
477	Description clarification	Appendix A	missing DAT_UPCALL_SAME in	Arkady	Appendix A			While DAT_UPCALL is defined in the spec it is missing in the headers and on SF. #define DAT_UPCALL_SAME ((DAT_UPCALL_OBJECT *)NULL)	Closed	Guy German	8/24/2004	9/8/2004	DAT 2.0
	Ciamication	лррених л	NONFE	Alkady	Аррених А			DAPL SF has max_rdma_read_per_ep_out_guaranteed and the spec has max_rdma_read_out_per_ep_out_guaranteed;	Cioseu	Guy German	8/24/2004	3/0/2004	DA1 2.0
178	headers	Appendix A	typo	Arkady	Appendix A	1	1	notice the extra 'out' in the spec. #include <udat_config.h> should be</udat_config.h>	Closed	Steve Sears	9/1/2004	9/8/2004	DAT 2.0
179	headers	Appendix A	include headers	Arkady	Appendix A	268	30 1	#include <dat udat_config.h="">. kDAPL is correct.</dat>	Closed	Arkady	9/1/2004	9/8/2004	DAT 2.0
								#include <udat_vendor_specific.h> should be #include <dat udat_vendor_specific.h=""></dat></udat_vendor_specific.h>					
180	headers	Appendix A	include headers	Arkady	Appendix A	274	13 1	kDAPL is correct. #include -tudat ho-should be	Closed	Arkady	9/1/2004	9/8/2004	DAT 2.0
181	haadam	Annondir A	include headers	Arkady	Anneadir A	200	40 4	#include <dat change="" comment<br="" for="" header="" the="" udat.ho.="">(kdapl would be similar): The same for Page 107 code example.</dat>	Closed	Arkady	0/1/2004	0/9/2004	DATAA
181	auerš	ууренах л	encode Headers	runddy	Appendix A	280	10 1	example for Linux (kdspl would be similar). The definition for dat_evd_modify_upcall() in section 6.3.2.5 is wrong. The final argument should be a pointer, not the object itself. The text makes this clear, as do the header file prototypes. The	Ciused	Anady	9/1/2004	9/8/2004	uni 2.U
								final line should read:					
					Chapter 6,			IN DAT_UPCALL_OBJECT *upcall					
182	headers	headers	kDAPL UPCALL object passing	Arkady	Appendix A	73	26 1	dat_redirection.h 3rd argument of DAT_SRQ_CREATE_FUNC()	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
183	headers headers		DAT_SRQ_CREATE_FUNC DAT_SRQ_POST_RECV	Arkady Arkady	Appendix B	348	5 1	declaration, DAT_SRQ_ATTR must be a pointer type. dat_redirection.h DAT_SRQ_POST_RECV() has a bogus 1st	Closed	Steve Sears	9/2/2004	9/8/2004 9/8/2004	
184	cauers	ууранах в	DATE OF THE POST RELV	runddy	Appendix B	341	34 I	argument "ep"; should be "srq". there should not be a comma at the last element in an enum typedef. " in dat_error.h,	Closed	Steve Sears	9/2/2004	a/8/2004	um 2.0
								in oat_error.n, typedef enum dat_return_subtype {					
								DAT_THREAD_SAFETY_NOT_FOUND,					
185	headers	Appendix A	DAT_THREAD_SAFETY_NOT_FO UND	Arkady	Appendix A	317	3 1) DAT_RETURN_SUBTYPE;	Closed	Sherman Pun	9/2/2004	9/8/2004	DAT 2.0
					1	1		kdat.h and udat.h evd_stream_merging_supported is declared as a pointer to an array, should be an					-
								array contained in the structure. E.g. kdat.h: const DAT_BOOLEAN evd_stream_merging_supported[6][6]; udat.h: const DAT_BOOLEAN evd_stream_merging_supported[6][6];					
								instead of kdat h: const DAT BOOLEAN "evol stream merging supported[6][6]:					
								kdat.h: const DAT_BOOLEAN = evd_stream_merging_supported[6][6]; udat.h: const DAT_BOOLEAN = evd_stream_merging_supported[6][6]; If the field is a pointer then we need					
								to do extra memory allocations, pointer manipulation, and associated					
								maintenance, which is a waste of time for this field. The array is small					
							1.1.	enough and always present in the structure, there is no advantage to a			01015-1-1		D.T.O.O.
186		Appendix A	evd_steram_merging_support	Arkady Arkady	Appendix A Appendix A	273	4 1	pointer. dat_error.h At the end of dat_error.h, the type is DAT_RETURN_SYBTYPE instead of "SUBTYPE".	Closed	Steve Sears Steve Sears	9/2/2004	9/8/2004	
187	neaders	цуро	move	Arkady	Appendix A	317	4 1	DAT_RETURN_SYBTYPE instead of 'SUBTYPE'. kdat.h and udat.h move DAT_PROVIDER_ATTR_MASK before the #include_cdat/dat.hs line to allow the files to compile. Else you get an	Liosed	Steve Sears	9/2/2004	9/8/2004	VAI 2.0
188	headers	typo	DAT_PROVIDER_ATTR_MASK	Arkady	Appendix A	-	1	unreferenced symbol. kdat.h and udat.h there is a DAT_PROVIDER_ATTR at the end	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
								of the declaration for struct dat_provider_attr. You can't name a					
								structure like this, only if it is a typedef. The typedef is correctly					
		tvno	dat_provider_attr	Arkady	Appendix A	273	14 1	declared in dat.h.	Closed	Steve Sears	9/2/2004	9/8/2004	DA I 2.0

	-	I			-		kdat.h and udat.h Move #include <dat udat_vendor_specific.h=""></dat>	_		-	- 1	
190 hearlers	aditorial	#include <dat td="" udat_vendor_specifi<=""><td>Arkady</td><td>Appendix A</td><td></td><td></td><td>koat.n and uost.n move mindude coatrust_vendor_specific.no- finclude <a href="https://doi.org/10.1007/j.jpecific.no-
before the DAT provider attributes comments.">https://doi.org/10.1007/j.jpecific.no- before the DAT provider attributes comments.</td><td>Closed</td><td>Steve Sears</td><td>9/8/2004</td><td>9/8/2004</td><td>DAT 20</td></dat>	Arkady	Appendix A			koat.n and uost.n move mindude coatrust_vendor_specific.no- finclude <a href="https://doi.org/10.1007/j.jpecific.no-
before the DAT provider attributes comments.">https://doi.org/10.1007/j.jpecific.no- before the DAT provider attributes comments.	Closed	Steve Sears	9/8/2004	9/8/2004	DAT 20
130 Huddela	Concre	5.15	renday	repullux A			udat.h definition of typedef enum dat_evd_state is wrong; all fields must be terminated	Ciosco	Olove deals	302004	502004	DATE ALO
							with a comma, not a semicolon. E.g. DAT_EVD_STATE_ENABLED =0x01,					
191 headers	typo	dat_evd_state	Arkady	Appendix A	269	"18-24" 1	instead of DAT_EVD_STATE_ENABLED #0x01:	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
192 headers	editorial	cr_handoff redirection declared twice	Arkady	Appendix B	328	"38-41" 1	udat_redirection.h need to remove DAT_CR_HANDOFF, already declared in dat_redirection.h	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
							udat_redirection.h need to remove typedefs for DAT_IA_QUERY_FUNC, DAT_LMR_QUERY_FUNC,					
							and the comment that appears above them. We have resolved the dependency, the typedefs are now located in					
193 headers	editorial	functions decalred twice	Arkady	Appendix B	330	"22-38" 1	dat, redirection.h dat.h Add after last LMR function prototype:	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
							/* Non-coherent memory functions */					
							extern DAT_RETURN dat Imr_sync_rdma_read(
							IN DAT_IA_HANDLE, /* ia_handle */ IN const DAT_LMR_TRIPLET *, /* local_segments */					
							IN DAT_VLEN); /* num_segments */ extern DAT_RETURN dat_imr_sync_rdma_write(
							extern DAT_NET DATA dat_first_sync_tomat_write() N DATA_J-HANDLE, /* in_handle N const DAT_LMR_TRIPLET /*, local_segments */ N DAT_VLEN); /* num_segments */					
194 headers	editorial	missing non-coherent LMR function definitions	Arkady	Appendix B		1	IN DAT_VLEN); /* num_segments */	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
							dat.h Add after dat_ep_set_watermark prototype:					
							/* SRQ functions */					
							extern DAT_RETURN dat_ep_create_with_srq(IN_DAT_IA_HANDIF/* is bandle*/					
							N DAT_B_A_HANDLE,					
							IN DAT_EVD_HANDLE, /* request_evd_handle */ IN DAT_EVD_HANDLE. /* connect_evd_handle */					
							IN DAT_SRQ_HANDLE, /* srq_handle */ IN DAT_EP_ATTR*, /* ep_stributes */ OUT DAT_EP_HANDLE*); /* ep_handle */					
							OUT_DAT_EP_HANDLE*);					
							OUT DAT_COUNT*); /* bufs_alloc_span */					
		1					extern DAT_RETURN dat_ep_set_watermark(IN DAT_EP_HANDLE, /* ep_handle */	_				
195 headers	editorial	missing SRQ function definitions	Arkady	Appendix A		1	IN DAT-EP-HANDLE, Pep-handle / N DAT-EP-HANDLE, Pep-handle / Udst-redirect and	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
							udat_redirect.h Add the following to the end of the struct dat_provider					
							/* udat-1.2 */ DAT_LMR_SYNC_RDMA_READ_FUNC lmr_sync_rdma_read_func;					
							DAT_LMR_SYNC_RDMA_WRITE_FUNC Imr_sync_rdma_write_func;					
							DAT_EP_CREATE_WITH_SRO_FUNC ep_create_with_srq_func; DAT_EP_RECV_QUERY_FUNC ep_teo_query_func; DAT_EP_SET_WATERMARK_FUNC ep_set_watermark_func;					
							DAT_EP_SET_WATERMARK_FUNC ep_set_watermark_func; DAT_SRQ_CREATE_FUNC srq_create_func;					
							DAT_SRQ_CREATE_FUNC srq_create_func; DAT_SRQ_FREE_FUNC srq_create_func; DAT_SRQ_POST_RECV_FUNC srq_best_rev_func;					
		1.2 redirections are missing in					DAT_SRQ_QUERY_FUNC srq_query_func; DAT_SRQ_RESIZE_FUNC srq_resize_func;					
196 headers	editorial	1.2 redirections are missing in udat.h	Arkady	Appendix B	-	1	DAT_SRQ_SET_LW_FUNC srq_set_lw_func; SPEC kdat vendor specific.h and	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
							udat_vendor_specific.h Obsolete header in the spec:					
							* HEADER: kdat_vendor_specific.h					
							* PURPOSE: * Depositation Magnitude file for TSDADI - Kappal Discret Appear					
							* Description: Header file for "kDAPL: Kernel Direct Access * ProgrammingLibrary, Version: 1.2*					
							Mapping rules:					
							Should be * HEADER: kdat_vendor_specific.h					
							* PURPOSE: Vendor defined macros & support.					
							* Description: Header file for "kDAPL: Kernel Direct Access					
4071	a effect of the	ahaalita haadas	Ad	Ans	.		Programming Library, Version: 1.2*	Cv	Pane Com	0/2/2001	OWNER .	DAT 20
197 headers	editorial	obsolite header	Arkady	Appendix A	`	1	dat_redirection.h missing the parameter comments in function prototypes after the arguments	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
108 headen	editorial	comment missing	Arkady	Appendix B			tunction prototypes after the arguments to DAT_PSP_QUERY_FUNC, DAT_RSP_QUERY_FUNC, DAT_EVD_FREE_FUNC.	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
198 headers	editorial	EP should be capitalize	Arkady	Appendix B	305	4 1	dat_redirection.h comment /* ep functions */ should have "EP" (capitalize)	Closed	Steve Sears	9/2/2004	9/8/2004	
							dat_vendor_specific.h: the leading comment block says: * MODULE: dat_vendor_specific.h					
200 headers	editorial	dat_vendor_specific comment	Arkady	Appendix A	320	17 1	* HEADER: dat_vendor_specific.h	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
							udat_redirection.h There is a comment before the function vector that is incorrect. I suggest removing it from the spec:			T		
							removing it from the spec:					
							* FUNCTION PROTOTYPES					
		udat_redirection.h erroneous					* User DAT function call definitions,					
201 headers	editorial	comment	Arkady	Appendix A	330-33	1 1	dat.h missing the parameter comments after the	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
202 headers	editorial	missing comment in dat.h	Arkady	Appendix A	304,30	5 5,2 1	arguments in the prototypes for dat_get_handle_type and dat_evt_free. udat_cont[h]. There is an errant /* \$COPYRIGHT '/ at	Closed	Steve Sears	9/2/2004	9/8/2004	DAT 2.0
203 headers	editorial	errant \$COPYRIGHT	Arkady	Appendix A		1	the top of this file that should be removed.	Closed	Steve Sears	9/2/2004	9/8/2004	
204 honde	arlitorial	ned with 0	Arbonto	Appendix A	270	23 1	udat.h Add leading 0 padding to DAT_PROVIDER_FIELD_COMPLETION_FLAGS_SUPPORTED for allignment	Cleand	Stava Conso	9/2/2004	9/8/2004	DAT 2.0
204 headers	editorial	pad with 0	Arkady	Appendix A	2/3	23 1	for alignment. Move	Closed	Steve Sears	5/2/2004	9/8/2004	DAT 2.0
							extern DAT_RETURN dat_ep_create_with_srq(IN DAT IA HANDLE. /* ia handle */					
							IN DAT_IA_HANDLE, /* ia_handle */ IN DAT_IZ_HANDLE, /* pz_handle */ IN DAT_EVD_HANDLE, /* rec_ved_handle */					
							IN DAT_EVD_HANDLE, /* request_evd_handle */ IN DAT_EVD_HANDLE /* connect_evd_handle */					
							IN DAT_SRQ_HANDLE, /* srq_handle */ IN DAT_EP_ATTR *. /* ep_attributes */					
							OUT DAT_EP_HANDLE *); /* ep_handle */					
							extern DAT_RETURN dat_ep_recv_query(N DAT_EP_HANDLE, /*ep_handle '/ OUT DAT_COUNT'; /*houts_allocated '/ OUT DAT_COUNT'; /*buts_alloc_span '/					
							OUT DAT_COUNT*); /* nous_anccased */ OUT DAT_COUNT*); /* bufs_alloc_span */					
							extern DAT_RETURN dat_ep_set_watermark(IN DAT_EP_HANDLE. /* ep_handle */					
		missing prototypes for several					PARTIES DATE (1997) See watermann (1997) N DAT_EP_MANDE.					
205 headers	editorial	functions	Arkady	Appendix A	· I	1	2	Closed	Arkady	9/8/2004	9/15/2004	DAT 2.0

							<u>, </u>					
							For the comments in many places the SF headers are inconsistent. For the out parameter was comitien user. If another more in the out parameter was committee user and the outparameter was commented user. If the comment is a consistent of the comment is a comment of the comment					
							OUI DAI_PSP_HANDLE "; " psp_nande " / typedef DAT_RETURN ("DAT_PSP_QUERY_FUNC) (IN DAT_PSP_HANDLE " psp handle " /					
206 header	rs editorial	extra *** in comments	Arkady	Appendix 8	В	5	IN DAT_PSP_PARAM_MSAK_7 psp_param N DAT_PSP_PARAM_MSAK_7 psp_param OUT DAT_PSP_PARAM_MS_7 /* psp_param OUT DAT_PSP_PARAM_MS_7 /* psp_param Out a missing "at the beginning of DAT_IA_MRONY_HINT macro in kdst_redirection.h	Closed		Arkady	9/8/2004	9/15/2004 DAT 2.0
207 header	rs clarificati	n missing * in MEM_HINT definition	Arkady	Appendix A	A	111	The final argument of the typedef for DAT_EVD_MODIFY_UPCALL_FUNC needs a 'const', as in'	Closed		Steve Sears	9/8/2004	9/8/2004 DAT 2.0
208 header	rs clarificati	n missing const	Arkady	Appendix E Appendix	В	1	const DAT_UPCALL_OBJECT *); in kdat_redirection.h	Closed		Steve Sears	9/8/2004	9/8/2004 DAT 2.0 9/8/2004 DAT 2.0
209 header	rs editorial	missing comments	Arkady	Appendix		5	add missing in-line comments in all header files for function definitions second word in comment should not be capitalized. For example, there are two spellings of "functions" and "Functions". Change all of the "F" to "I",	Closed		Arkady	9/9/2004	9/8/2004 DAT 2.0
210 header	rs editorial	capitalization	Arkady	Appendix		5	no need to capitalize. Also found in the prototype paramater arguments some missing "" in the paramater names, e.g.	Closed		Arkady	9/9/2004	9/8/2004 DAT 2.0
211 header	rs editorial	missing "_" in comments	Arkady	Appendix E			is handle intended if a, bandle. There are a handful of bees, perhaps 20 or so. Found the parameter commer in DAT_EP_RECV_OUERY_FUNC was not properly padded out, added some trailing spaces. In DAT_SBO_CREATE_FUNC, the comment in the 3rd parameter was SRQ attributes' but I changed it to 'arq_attributes'.	Closed		Steve Sears	9/9/2004	9/8/2004 DAT 2.0
							The DAT IN ATTRIBUTES are not of bits long, and the various DATLA, FIELD, IA, I declarations now exceed 32 bits. And here is the problem. The first 31 are beings, but as soon as we exceed a 32 bit constant we no into trouble. If you have a soon as we exceed a 32 bit constant we no into trouble. If you have a soon as we exceed a 32 bit constant we not into trouble and the secretary of the constant. Using a representation of the constant. Using a secretary of the constant has exceeded 32 bits or not. I suspect this is only a problem on 32 bit machines with 64 bit integer constants, but if not lessing on a 64 bit machine. The stadionard way of overcoming this is to define a macro that will provide the correct suffix. In part case, for example, we would have constants the. **Residence DATLA, FIELD_ALL DATEA, COW/FFFFFFFFF) **And in dat, platform, papedic.**L. **Left of the CAMPA, COW/FFFFFFFFF, and the constant of the constant o					
212 header	re fiv	support for 32bit systems	Arkady	Appendix A				Closed		Steve Sears	9/9/2004	9/8/2004 DAT 2.0
						•	support for 222H Solains Lan confirm 64 bit initinger constants is not a problem on Sun compilers for SPARC (12-bit), injective-(NE-Vel) and 388 (52-bit), it is also not a problem for gc 3.4 f on AMD64Opteron (64-bit), injective-(NE-Vel) and 388 (52-bit), it is also not a problem for gc 3.4 f on AMD64Opteron (64-bit), and Solains implementation to direct MITFOL (2.0) has already been defined in lustrichubelingheit. There is no "lide" guard in imprigen in the prevent indention and the feel for grade used in setting the direct d					
213 header	rs fix	support for 32bit Solaris platforms	Arkady	Appendix A	A	1	in inttypes.h and see the same approach can be made. Should we have "const" for DAT_PROVIDER in these definitions in registry.h	Closed		Sherman Pun	9/12/2004	9/8/2004 DAT 2.0
214 headen	re Annandi	B const for DAT_PROVIDER	Arkady	Appendix I	B	4	extern DAT_RETURN dat_registry_add_provider (N DAT_PROVIDER," provider 1 N Const DAT_PROVIDER, "Provider 1 N Const DAT_PROVIDER, "NPC") ; "Provider into "1 N Const DAT_PROVIDER, "NPC") ; "Provider into "1 N Const DAT_PROVIDER, "Data dat_registry_ternove_provider (NPC PROVIDER dat_registry_ternove_provider (Closed		Arkady	9/13/2004	9/8/2004 DAT 2.0
							N const DAT_PROVIDER_INFO'; /* provider info */ Lets add comment ** /* provider info */ ypodef void (* dat_provider_init) (N const DAT_PROVIDER_INFO'; N const DAT_PROVIDER_INFO';					
215 editoria	al Appendi	B comments for DAT Provider	Arkady	Appendix B		5	IN const char "); /" instance data "/ typeddf void ("dat_vroider_fini) (IN const DAT PROVIDER INFO 1;	Closed		Arkady	9/13/2004	9/8/2004 DAT 2.0
216 editoris		No EP Idle state	Arkady	Chapter 6		5	These as no fish EP state. Regulace is with Unconnected State There are no definition to the different enum values in the specialisation or include files. There is no contained stood 'unique', which means that there is unique handware lever lessource The "SAME" croptor was intended to deal with implementations the scool not actually allocate unique handware level resources for each Protection Zone, however nobody could recall the exact reset for the workhouse. The "SAME" of control workhouse. The "SAME" of control workhouse. The "SAME" of the workhouse. The "SAME" of the workhouse. The "SAME" of the "SAM	Closed		Arkady	8/20/2004	10202006 DAT 2.0
217 uDAPL	Chapter L Append	A DAT_PZ_SAME	Arkady	Chapter 6 a	& A	1		Closed		Arkady	6/28/2004	9/8/2004 DAT 2.0
218 Editoria 219 chpate	ial Terminol er 6 incomple	gy Dynamic Registry e Socket CM thread safety	Arkady Arkady	Terminolog Chapter 6 Chpater 6	ay 3	5	Format of Term heading should match others, The same for Registry (page 6) Socket connection thread safety is not defined in the table of API chapter	Closed OBE				10/27/2006 DAT 2.0 10/20/2006 DAT 2.0
220 chapte 221 header	rs Appendi	A private data for cr_reject	Arkady Caitlin Arkady	Appendix /	Á	1	Socket connection final message to discuss private data is missing in cr_reject function prototype Goal: improve performance of the Data Transfer path and simplify DAPL code for posting	OBE Closed				10/20/2006 DAT 2.0 10/20/2006 update 1.2 headers
							operations. Proposed header changes: poped DAT_UNIT2 DAT_SEG_LENGTH /* The maximum data segment length '/ poped bAT_UNIT2 DAT_SEG_LENGTH /* The maximum data segment length '/ poped bAT_UNIT2 DAT_SEG_LENGTH /* The maximum data segment length '/ DAT_VADDR visual_addess.r / 64-bit address '/ DAT_SEG_LENGTH segment length,' r 32-bit length '/ DAT_LAR_CONTEXT inr_context,' r 32-bit inr_context of J. DAT_UNIT_TRIPLET ''poped struct dat_rmr_triplet DAT_SEG_LENGTH segment length,' r 32-bit length '/ DAT_RMR_CONTEXT rmr_context,' r 32-bit mr_context /* DAT_SEG_LENGTH segment length,' r 32-bit length '/ DAT_RMR_CONTEXT rmr_context,' r 32-bit mr_context /* DAT_SEG_LENGTH segment length,' r 32-bit mr_context /* DAT_SEG_RENGTH segment length,' r 32-bit mr_context /* DAT_RMR_TRIPLET					
pagamin	zation (Chapter			Chapter 6 +			The DAT_LMR_TRIPLET and DAT_RMR_TRIPLET are only used for data transfer operations. [The changes for DAT_RMR_BND operation and is used DAT_LMR_TRIPLET is expense proposal.] Several places where DAT_LERS is currently used DAT_SES_LERSTON till be used instead. These include DAT_LATTR in and DAT_LERS over the place of DAT_LATTR in and DAT_LATTR for max_tmr_block_size, max_message_size, and DAT_LATTR in the used for mast of DAT_LERS for DAT_LATTR in the used for mast of DAT_LERS for DAT_LATTR in the used for mast of DAT_LERS for DAT_LATTR in the used for mast of DAT_LERS for DAT_LATTR in the used for mast of DAT_LERS for DAT_LATTR in the used for mast of DAT_LERS for DAT_LATTR in the used for mast of DAT_LERS for DAT_LATTR in the used for mast of DAT_LERS for DAT_LATTR in the used for mast of DAT_LATTR in the used					
222 & Linus optmiz	x Appendit	Imr_triplet and rmr_triplet format +	Arkady	Appendix Chapter 6 +		2	add Inr_handle to rmr_bind	Closed		Arkady	5/23/2005	10/20/2006 DAT 2.0 10/20/2006 DAT 2.0
223 & Linu: optmiz 224 & Linu:	ration Chapter	rmr_bind Imr_handle + kDAPL region_description	Arkady Arkady	Appendix Chapter 6 + Appendix		2	change region decsription	closed		voltaire		10/20/2006 DAT 2.0 10/20/2006 DAT 2.0
							When an EP with an SRQ transitions to the disconnected state buffers that have already been allocated to the EP wint chor be returned to SRQ. Rather they will be flushed. Allocation to a specific EP will happen when any portion of a send message is received, and potentially when any portion of a send message is received, and potentially when any portion of a later message is received. But operating the send is alter message is received. The description in the discussion of EP states implies that allocated but not completed receive butters will be returned to the SRQ automatically.					
225 clarific	cation Chanter	impact of EP transition to Disconnected on SRQ buffers	Caitlin	chanter 6		4	We can even allow that by simply saying that SRQ receive buffers that have been irrevocably allocated to an EP will be flushed when the EP transitions to the Disconnected state.	closed		Caitlin	6/16/2005	10/20/2006 DAT 2.0
							110 010 0100011100100 010101		<u> </u>			