takeMVar Request

braid level	braid level	mvar	taker	local state					braid state							
mvar level	taker level	avail	type		locale				tid	mvar	locale				side	
					upward		downward		state	state	upward		downward		effects	
				taking	req	rsp	req	rsp			req	rsp	req	rsp	pause?	
EQ	EQ	TRUE	Local	Taken val	remove	NC	NC	NC	NC	get val, take putter	NC	NC	NC	NC	no	putter to pause
EQ	LT	TRUE	Local	NA/NC	remove	NC	NC	NC	NA	get val, take putter	NC	NC	NC	T! val	NA/NC	NC
EQ	GT	TRUE	Local	NA/NC	NC	NC	NC	NC	NA	get val, take putter	NC	T! val	remove	NC	NA/NC	NC
EQ	NC	TRUE	Local	NA/NC	NC	NC	NC	NC	NA	get val, take putter	NC	T! val	remove	NC	NA/NC	NC
EQ	EQ	FALSE	Local	NC	remove	NC	NC	NC	WaitEmpty reqid	add taker	NC	NC	NC	NC	yes/BI	NC
EQ	LT	FALSE	Local	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitEmpty reqid	add taker	NC	NC	NC	NC	no	NC
EQ	GT	FALSE	Local	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitEmpty reqid	add taker	NC	NC	NC	NC	no	NC
EQ	NC	FALSE	Local	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitEmpty reqid	add taker	NC	NC	NC	NC	no	NC
LT	EQ	NA/*	*	NC	remove	NC	NC	NC	WaitEmpty reqid	NA/NC	NC	NC	T? id	NC	no	NC
LT	LT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NC	NC	T? id	NC	no	NC
LT	GT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NC	NC	T? id	NC	no	NC
LT	NC	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NC	NC	T? id	NC	no	NC
GT	EQ	*	*	NC	remove	NC	NC	NC	WaitEmpty reqid	NA/NC	T? id	NC	NC	NC	no	NC
GT	LT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	T? id	NC	NC	NC	no	NC
GT	GT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	T? id	NC	NC	NC	no	NC
GT	NC	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	T? id	NC	NC	NC	no	NC
NC	EQ	*	*	NC	remove	NC	NC	NC	WaitEmpty reqid	NA/NC	T? id	NC	NC	NC	no	NC
NC	LT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	T? id	NC	NC	NC	no	NC
NC	GT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	T? id	NC	NC	NC	no	NC
NC	NC	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	T? id	NC	NC	NC	no	NC
EQ	EQ	TRUE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NC	get val, take putter	NC	NC	NC	NC	no	putter to pause
EQ	LT	TRUE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	get val, take putter	NC	NC	NC	T! val	no	NC
EQ	GT	TRUE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	get val, take putter	NC	T! val	NC	NC	no	NC
EQ	NC	TRUE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	get val, take putter	NC	T! val	NC	NC	no	NC
EQ	EQ	FALSE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitEmpty reqid	add taker	NC	NC	NC	NC	yes/BI	NC
EQ	LT	FALSE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitEmpty reqid	add taker	NC	NC	NC	NC	no	NC
EQ	GT	FALSE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitEmpty reqid	add taker	NC	NC	NC	NC	no	NC
EQ	NC	FALSE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitEmpty reqid	add taker	NC	NC	NC	NC	no	NC

putMVar Request

braid level	braid level	mvar	taker	local state					braid state							
mvar level	putter level	empty	type		locale				tid	mvar	locale					side
					upward		downward		state	state	upward		downward			effects
				putting	req	rsp	req	rsp			req	rsp	req	rsp	pause?	
EQ	EQ	TRUE	Local	Put mvid	remove	NC	NC	NC	NC	put val, take taker	NC	NC	NC	NC	no	taker to pause
EQ	LT	TRUE	Local	NA/NC	remove	NC	NC	NC	NA	put val, take taker	NC	NC	NC	P! rspid	NA/NC	NC
EQ	GT	TRUE	Local	NA/NC	NC	NC	NC	NC	NA	put val, take taker	NC	P! rspid	remove	NC	NA/NC	NC
EQ	NC	TRUE	Local	NA/NC	NC	NC	NC	NC	NA	put val, take taker	NC	P! rspid	remove	NC	NA/NC	NC
EQ	EQ	FALSE	Local	NC	remove	NC	NC	NC	WaitFull mvid val	add putter	NC	NC	NC	NC	yes/BI	NC
EQ	LT	FALSE	Local	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitFull mvid val	add putter	NC	NC	NC	NC	no	NC
EQ	GT	FALSE	Local	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitFull mvid val	add putter	NC	NC	NC	NC	no	NC
EQ	NC	FALSE	Local	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitFull mvid val	add putter	NC	NC	NC	NC	no	NC
LT	EQ	NA/*	*	NC	remove	NC	NC	NC	WaitFull mvid val	NA/NC	NC	NC	P? id tid v	NC	no	NC
LT	LT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NC	NC	P? id tid v	NC	no	NC
LT	GT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NC	NC	P? id tid v	NC	no	NC
LT	NC	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NC	NC	P? id tid v	NC	no	NC
GT	EQ	*	*	NC	remove	NC	NC	NC	WaitFull mvid val	NA/NC	P? id tid v	NC	NC	NC	no	NC
GT	LT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	P? id tid v	NC	NC	NC	no	NC
GT	GT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	P? id tid v	NC	NC	NC	no	NC
GT	NC	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	P? id tid v	NC	NC	NC	no	NC
NC	EQ	*	*	NC	remove	NC	NC	NC	WaitFull mvid val	NA/NC	P? id tid v	NC	NC	NC	no	NC
NC	LT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	P? id tid v	NC	NC	NC	no	NC
NC	GT	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	P? id tid v	NC	NC	NC	no	NC
NC	NC	NA/*	*	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	P? id tid v	NC	NC	NC	no	NC
EQ	EQ	TRUE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NC	put val, take taker	NC	NC	NC	NC	no	putter to pause
EQ	LT	TRUE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	put val, take taker	NC	NC	NC	P! rspid	no	NC
EQ	GT	TRUE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	put val, take taker	NC	P! rspid	NC	NC	no	NC
EQ	NC	TRUE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	put val, take taker	NC	P! rspid	NC	NC	no	NC
EQ	EQ	FALSE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitFull mvid val	add putter	NC	NC	NC	NC	yes/BI	NC
EQ	LT	FALSE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitFull mvid val	add putter	NC	NC	NC	NC	no	NC
EQ	GT	FALSE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitFull mvid val	add putter	NC	NC	NC	NC	no	NC
EQ	NC	FALSE	Global	NA/NC	NA/NC	NA/NC	NA/NC	NA/NC	WaitFull mvid val	add putter	NC	NC	NC	NC	no	NC

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