pure-stlmap and pure-stlvec functions

Construction

stlmap	stlmmap	stlhmap	stlvec
emptystlmap	emptystlmmap	emptystlhmap	emptystlvec
emptystlset	emptystlmset	emptystlhset	
mkstlmap (kcmp,dflt,vcmp,veql)	mkstlmmap (kcmp,dflt,vcmp,veql)		mkstlvec x n
mkstlmap (kcmp,dflt,vcmp)	mkstlmmap (kcmp,dflt,vcmp)		
mkstlmap (kcmp,dflt)	mkstlmmap (kcmp,dflt)		
mkstlmap kcmp	mkstlmmap kcmp		
stlmap xs	stlmmap xs	stlhmap xs	stlvec xs
stlmap sv	stlmmap sv	stlhmap sv	stlvec sv
stlmap rng	stlmmap rng	stlhmap hm	
stlset xs	stlmset xs	stlhset xs	
stlset sv	stlmset sv	stlhset sv	
stlset rng	stlmset rng	stlhset hm	

Modification

stlmap	stlmmap	stlhmap	stlvec
erase sm	erase smm	erase hm	erase sv
erase (sm,key1,key2)	erase (smm,key1,key2)		erase (sv, f, l)
erase (sm,key)	erase (smm,key)	erase (hm,key)	erase (sv, p)
			rmfirst sv
			rmlast sv
			append sv x
insert sm sv	insert smm sv	insert hm sv	insert (sv, p) rng
insert sm rng	insert smm rng	insert hm hm2	insert (sv, p) xs
insert sm src	insert smm src	insert hm src	
insert_or_replace sm sv		insert_or_replace hm sv	
insert_or_replace sm rng		insert_or_replace hm src	
insert_or_replace sm src		insert_or_replace hm src	
replace sm key val	replace smm key vals	replace hm key val	replace sv p x
replace_with f sm (k			
stl::swap sm1 sm2	stl::swap smm1 smm2	stl::swap hm1 hm2	

Accessing Elements

stlmap	stlmmap	stlhmap	stlvec
(^) sm key	(^) smm key		
(!) sm key	(!) smm key	(!) hm key	(!) sv p
			first sv
			last sv
get itr	get itr	get (hm,key)	
get (sm,key)	get (smm,key)		
keys rng	keys rng	keys hm	
vals rng	vals rng	vals hm	

Conversion Functions

stlmap	stlmmap	stlhmap	stlvec
members rng	members rng	members hm	members rng
stl::vector rng	stl::vector rng	stl::vector hm	stl::vector rng
stlvec rng	stlvec rng	stlvec hm	
			const_stlvec sv

Functional Programming

stlmap	stlmmap	stlhmap	stlvec
catmap f rng	catmap f rng	catmap f hm	catmap f rng
colcatmap f rng	colcatmap f rng	colcatmap f hm	colcatmap f rng
colmap f rng	colmap f rng	colmap f hm	colmap f rng
do f rng	do f rng	do f hm	do f rng
filter p rng	filter p rng	filter p hm	filter p rng
foldl f x rng	foldl f x rng	foldl f x hm	foldl f x rng
foldl1 f rng	foldl1 f rng	foldl1 f hm	foldl1 f rng
foldr f x rng	foldr f x rng		foldr f x rng
foldr1 f rng	foldr1 f rng		foldr1 f rng
listmap f rng	listmap f rng	listmap f hm	listmap f rng
map f rng	map f rng	map f hm	map f rng
rowcatmap f rng	rowcatmap f rng	rowcatmap f hm	rowcatmap f rng
rowmap f rng	rowmap f rng	rowmap f hm	rowmap f rng
stream rng	stream rng		

pure-stlmap and pure-stlvec functions

Comparison

stlmap	stlmmap	stlhmap	stlvec
(<) rng1 rng2	(<) rng1 rng2		
(<=) rng1 rng2	(<=) rng1 rng2		
(==) itr1 itr2	(==) itr1 itr2	(==) hm1 hm2	(==) sv1 sv2
(==) sac1 sac2	(==) rng1 rng2		
(>) rng1 rng2	(>) rng1 rng2		
(>=) rng1 rng2	(>=) rng1 rng2		
(~=) sac1 sac2	(~=) rng1 rng2	(~=) hm1 hm2	(~=) sv1 sv2
stl::map_equal rng1 rng2	stl::map_equal rng1 rng2		
			stl::allpairs pred rng1 rng2

Set Operations

stlmap	stlmmap	stlhmap	stlvec
stl::map_difference rng1 rng2	stl::map_difference rng1 rng2		
stl::map_includes rng1 rng2	stl::map_includes rng1 rng2		
stl::map_intersection rng1 rng2	stl::map_intersection rng1 rng2		
stl::map_merge rng1 rng2	stl::map_merge rng1 rng2		
stl::map_symmetric_difference rng1 rng2	stl::map_symmetric_difference rng1 rng2		
stl::map_union rng1 rng2	stl::map_union rng1 rng2		

Infomation

stlmap	stlmmap	stlhmap	stlvec
(#) sm	(#) smm	(#) hm	(#) sv
stl::empty sm	stl::empty smm	stl::empty hm	stl::empty sv
stl::distance rng	stl::distance rng		
member sm key	member smm key	member hm key	
stl::count sm key	stl::count smm key	stl::count hm key	
stl::next_key sm key	stl::next_key smm key		
stl::prev_key sm key	stl::prev_key smm key		
stl::bounding_keys rng	stl::bounding_keys rng		
			stl::bounds rng
stl::container_info rng	stl::container_info rng	stl::container_info hm	
		stl::bucket_size hm i	
		stl::hmap_reserve hm mlf size	
			stl::reserve sv i
			stl::capacity sv

Iterators

stlmap	stlmmap	stlhmap	stlvec
stl::begin sm	stl::begin smm		
stl::beginp itr	stl::beginp itr		
stl::dec itr	stl::dec itr		
stl::endp itr	stl::endp itr		
erase (sm,itr1, itr2)	erase (smm,itr1, itr2)		
erase (sm,itr)	erase (smm,itr)		
stl::find sm key	stl::find smm key		
stl::get_info itr	stl::get_info itr		
stl::get_key itr	stl::get_key itr		
stl::get_val itr	stl::get_val itr		
stl::inc itr	stl::inc itr		
stl::insert_elm sm (elm,itr)	stl::insert_elm smm (elm, p)		
stl::insert_elm sm elm	stl::insert_elm smm elm		
stl::iterator itr	stl::iterator itr		
stl::l_bound sm key	stl::l_bound smm key		
stl::lu_bounds sm key	stl::lu_bounds smm key		
stl::move itr n	stl::move itr n		
stl::pastend sm	stl::pastend smm		
put itr val	put itr val		
stl::range_info rng	stl::range_info rng		
stl::u_bound sm key	stl::u_bound smm key		