COPY CONSTRUCTOR

SEC 2.11 Ezust

Class Name (const ClassName& x)

ASSIGNMENT OPERATOR

Class Name & operator = (const Class Name & x)

chapter 2/example 2-16 to 2-18 A

FROM 6.6 Chapter 6/copy-assign

TEMPLATES
classes functions
DECLARING .h
template < class any-type >] class my-class{
void my-fortion ();
DEFINE .h/.cpp
template (class ang-type)]
Void my-class < any-type>:: my-function ()?
DECLARE AN INSTANCE
my-class < int > am_int_instance_of_my-class; my-class < float > a_float;

SEC 6.8 CONTAINERS

SEQUENTIAL QListaty CONTAINER Q List < QString> QLinked List (T) EXAMPLE Ostring List UNKED UST Q Vector < T> (Vector<T) ARRA astack(T> ++ RANDOM bazy () ACCES 5 pap () top ()

			ŧ.	
	Lookup	Insert	Prepend	App
Qlinked Listet> Qlist (T> QuectorxT>	0 (h) 0 (1) 0 (1)	O(1) O(n) O(n)	0(1) Amort. 0(1) 0 (n)	0(1) Amort 0(1) Amort 0(1)
ASSOCIATIVE	CONTA	INERS		
Q Map Kkey, T>		QH	ash < key, to	
		6	ASH TABLE .	

Skip-list

SORTED ORDER

QSet<T>

Q(ache	<	key	1	>
			-	

	LOOKUP	WET	INJERT	10N
OMap < key, T>	O(login)	O(logn)	O(logn)	O (log u)
QHosh <key ,t=""></key>	Amort O(9)	0 (n)	Amort 0(1)	O(n)
dilosu Kred (, >	1,,,,,,			, ,

http://doc.qt.io/qt-5/containers.html SEE # 2 gorithmic-complexity ASSIGNABLE DATA TYPE to be femplatize BASIC DATA TYPE Ostring QDate atime POINTERS QList x QFile*> PAGE 205 Ezust

SEC 6.9 A

DIFFERENCE BETWEN
MANAGED AND UNMANAGED container
(we already saw this in prev between)

SEC 6,10



- DESTRUCTION OF OBJECTS
- DON'T ACCESS OBJECTS THAT

 HAVE BEEN DESTROYEDS
- COPY CONSTRUCTOR
 ASSIGNMENT OPERATOR

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P212) Chap6/example 6_30+06_40



