Sequence< Key, Info >::iterator Class Reference

Public Member Functions

	iterator (const **iterator** &x)
iterator &	**operator=** (const **iterator** &x)
bool	**operator==** (const **iterator** &x) const
bool	**operator!=** (const **iterator** &x) const
const **iterator** &	**operator++** () const
iterator	**operator++** (int) const
Info &	**operator*** ()
const Info &	**operator*** () const
Info *	**operator->** ()
const Info *	**operator->** () const
const Key &	**getKey** () const
const Info &	**getInfo** () const
iterator	**insert_after** (const Key &key, const Info &info)

Constructor & Destructor Documentation

◆ iterator()

template<typename Key , typename Info >

Sequence< Key, Info >::iterator::iterator (const **iterator** & x) inline

Copy constructor.

Member Function Documentation

◆ getInfo()

template<typename Key , typename Info >

const Info& **Sequence**< Key, Info >::iterator::getInfo ( ) const inline

Outputs the info.

Returns

: Info value.

◆ getKey()

template<typename Key , typename Info >

const Key& **Sequence**< Key, Info >::iterator::getKey ( ) const inline

Outputs the key.

Returns

: Key value.

◆ insert_after()

template<typename Key , typename Info >

iterator Sequence< Key, Info >::iterator::insert_after (const Key & key,
const Info & info
)

inline

Inserts the element after the iterator.

Returns

: Info value.

◆ operator!=()

template<typename Key , typename Info >

bool **Sequence**< Key, Info >::iterator::operator!= (const **iterator** & x) const

inline

Not equal to operator.

◆ operator*() [1/2]

template<typename Key , typename Info >

Info& **Sequence**< Key, Info >::iterator::operator* ( )

inline

Asterix operator.

◆ operator*() [2/2]

template<typename Key , typename Info >

const Info& **Sequence**< Key, Info >::iterator::operator* ( ) const

inline

Constant asterix operator.

Returns

: Key value.

◆ operator++() [1/2]

template<typename Key , typename Info >

const **iterator**& **Sequence**< Key, Info >::iterator::operator++ ( ) const

inline

Postfix increment operator.

◆ operator++() [2/2]

template<typename Key , typename Info >

iterator Sequence< Key, Info >::iterator::operator++ (int) const

inline

Prefix increment operator.

◆ operator->() [1/2]

template<typename Key , typename Info >

Info* **Sequence**< Key, Info >::iterator::operator-> ( ) inline

Pointer to member

Returns

: Key value.

◆ operator->() [2/2]

template<typename Key , typename Info >

const Info* **Sequence**< Key, Info >::iterator::operator-> ( ) const inline

Constant pointer to member

Returns

: Key value.

◆ operator=()

template<typename Key , typename Info >

iterator& **Sequence**< Key, Info >::iterator::operator= (const **iterator** & x) inline

Assign operator.

◆ operator==()

template<typename Key , typename Info >

bool **Sequence**< Key, Info >::iterator::operator== (const **iterator** & x) const inline

Equal to operator.