## Matrix2D

```
rows: int
 cols: int
 type:
       丁**
DEFAULT ROWS: const static int
DEFAULT COLS: const static int
\overline{\text{DEFAULT TYPE: const static T}} = 0
<u>AllocMem(intRows:int,intCols:int): void</u>
Copy(): void
DeallocMem(): void
Matrix()
Matrix2D(intRows:int,intCols:int,tDefaul
Matrix2D(objOriginal:T)
~Matrix()
operator = (objOriginal:const Matrix2D<T>
operator ++(objRHS:Matrix2D<T>& ): Matri
operator () (intRow:int,intCol:int): T&
operator >> (isLHS:istream, objRHS:Matrix2
operator <<(): Matrix2D<T1>&
operator <<(objLHS:ostream&,objRHS:Matri</pre>
getRows(): int
getCols(): int
setElement(intRow:int,intCol:int): void
```