Utils.cpp

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# Description

Many convenient functions and typedefs are located here. They aren’t vital, but make the code much cleaner and readable. Most functions are templates.

# Includes

* vector.h

# Typedefs and definitions



# Functions



Returns true if the value is outside of the boundary. T must be size comparable.



Returns true if either x or y of the vector is outside the boundaries.



If the value is below or above the boundary, it gets moved inside again. If its inside already, the value is returned.



Swaps two variables.



Pointer to first element of array and array size are parameters. Returns the smallest thing in the array. O(n)



Pointer to first element of array and array size are parameters. Returns the largest thing in the array. O(n)



Converts a regular Vector2 into the int form. The values are floored.