

# DATA STRUCTURES IN C++

# Data Structure Decision Diagram

- The following diagram gives you the direction to which data structure to use in C++ according to the problem you are trying to solve



Note: I don't have the source of this diagram. If you know it, please drop me a msg so I can add it here.

# Arrays

- `std::vector` is a sequence container that encapsulates dynamic sized arrays\*

\*<https://en.cppreference.com/w/cpp/container/vector>

# Linked List

- desc

- desc

# Queue

- desc

# Heap

- desc

# Hash Table

- desc



# Tree

- desc