# Zones and Repositories

## Overview

The purpose of this section is to explain the concept of Zones and Repositories and how these objects interact to facilitate a flexible storage solution in TapeTrack.

For illustration purposes, rather than discussing a vault we will use the analogy of a restaurant.

## Our Restaurant

Our restaurant is called GazillaBytes, and it has 5 rooms. Each of our rooms is named after a color.

We have:

1. The Red Room which has seating for 200 people in a configuration of 20 tables each with 10 seats.
2. The Blue Room which has seating for 200 people in a configuration of 20 tables each with 10 seats.
3. The Green Room which has seating for 200 people in a configuration of 20 tables each with 10 seats.
4. The Orange Room which has seating for 500 people in a configuration of 25 tables each with 20 seats.
5. The Purple Room which has seating for 300 people in a configuration of 30 tables each with 10 seats.

## Our bookings

When people book at our restaurant, they book as a company and they book our tables out indefinitely (we serve Fortune 100 companies in this analogy).

- Walmart need seating for 210 people, so we will give them seats 1 through 210 in the Purple Room.
- Berkshire Hathaway need seating for 190 people so we will give them seats 1 through 190 in the Red Room.
- Apple need seating for 250 people and and don't mind dining in 2 rooms so we give them 200 seats in the Blue Room, and 10 seats in the Red Room, and 40 seats in the Purple Room.

From:
https://docs.tapetrack.com/ - **TapeTrack Documentation**

Permanent link:
**https://docs.tapetrack.com/concepts/zones_repositories?rev=1503339598**

Last update: **2025/01/21 22:07**