All about Vectors

July 16, 2024

Abstract

This document lists various aspects of vectors

1 Meta Data

1.1 Type

• Every vector must have a valid qtype.

1.2 width

- The width of a vector can be determined from the qtype. There is one exception, as noted below
- When qtype is SC, the width must be provided by the creator. It must be at least 2. The reason being that this qtype is used for constant length strings where the length must be at least 1 and 1 character is used for null termination.

1.3 Reference Count

TO BE COMPLETED