Span<T> and friends

Memory<T>

ReadOnlySpan<T>

ReadOnlyMemory<T>

Span<T>

"Provides a type- and memory-safe representation of a contiguous region of arbitrary memory."

Span<T>

Stack-only

Aka no heap

      Not a field of non stack-only type

      No interface implementation (boxing)

      Not a parameter for async method

      Not a generic type argument

Memory in .NET

Managed heap

Stack

Unmanaged heap

Memory in .NET

No unified way of accessing/providing any kind of memory
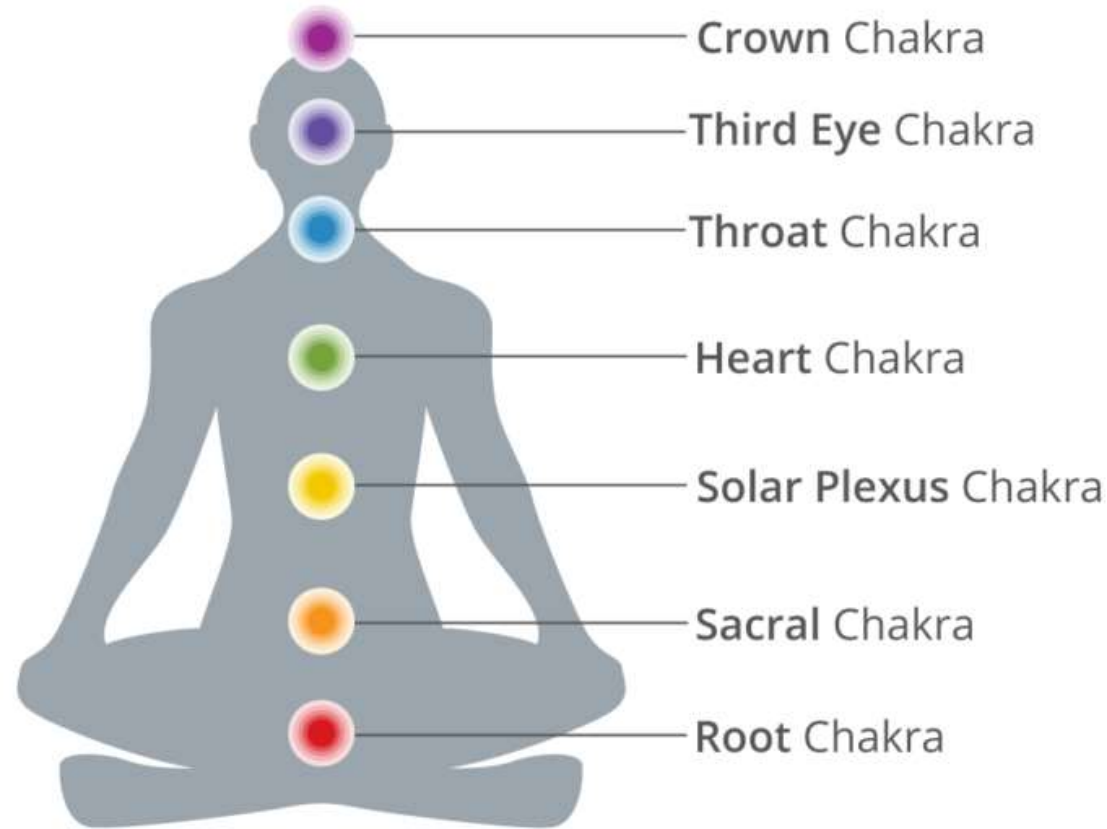
Not even common base type

Memory in .NET

Span<T> (and friends) solves this issue

    Type- and memory-safe

    No unsafe

Span<T> represents a contiguous region of arbitrary memory

The Sahasrara, or crown chakra, the highest chakra, sits at the crown of the head and represents our ability to be fully connected spiritually. When you fully open your crown chakra, you're able to access a higher consciousness.

Please rate this session using

.NET DeveloperDays mobile app

(available on Google Play and AppStore)

Event Sponsors

Strategic Sponsors

Demant   avanade

Gold Sponsors

Relativity   ProDataConsult

medius   KMD
An NEC Company