parakeet_rs

Struct NemotronEncoderCache


```
pub struct NemotronEncoderCache {
    pub cache_last_channel: Array4<f32>,
    pub cache_last_time: Array4<f32>,
    pub cache_last_channel_len: Array1<i64>,
}
```

Encoder cache state for Nemotron streaming inference.

Fields

`cache_last_channel: Array4<f32>`

[24, 1, 70, 1024] - 24 layers, batch=1, 70 frame lookback, 1024 features

`cache_last_time: Array4<f32>`

[24, 1, 1024, 8] - 24 layers, batch=1, 1024 features, 8 conv context

`cache_last_channel_len: Array1<i64>`

[1] - current cache length

Implementations

impl NemotronEncoderCache

```
pub fn new() -> Self
```

```
pub fn with_dims(
    num_layers: usize,
    left_context: usize,
    hidden_dim: usize,
    conv_context: usize,
) -> Self
```

Trait Implementations

impl Clone for NemotronEncoderCache

fn clone(&self) -> NemotronEncoderCache

Returns a duplicate of the value. Read more

fn clone_from(&mut self, source: &Self) 1.0.0 ·

Performs copy-assignment from source. Read more

impl Default for NemotronEncoderCache

fn default() -> Self

Returns the “default value” for a type. Read more

Auto Trait Implementations

impl Freeze for NemotronEncoderCache

impl RefUnwindSafe for NemotronEncoderCache

impl Send for NemotronEncoderCache

impl Sync for NemotronEncoderCache

impl Unpin for NemotronEncoderCache

impl UnwindSafe for NemotronEncoderCache

Blanket Implementations

impl<T> Any for T

where
    T: 'static + ?Sized,

impl<T> Borrow<T> for T

where
    T: ?Sized,

impl<T> BorrowMut<T> for T

where
    T: ?Sized,

impl<T> CloneToUninit for T
where
    T: Clone,

impl<T> From<T> for T

impl<T> Instrument for T

impl<T, U> Into<U> for T
where
    U: From<T>,

impl<T> IntoEither for T

impl<T> Pointable for T

impl<T> ToOwned for T
where
    T: Clone,

impl<T, U> TryFrom<U> for T
where
    U: Into<T>,

impl<T, U> TryInto<U> for T
where
    U: TryFrom<T>,

impl<V, T> VZip<V> for T
where
    V: MultiLane<T>,

impl<T> WithSubscriber for T