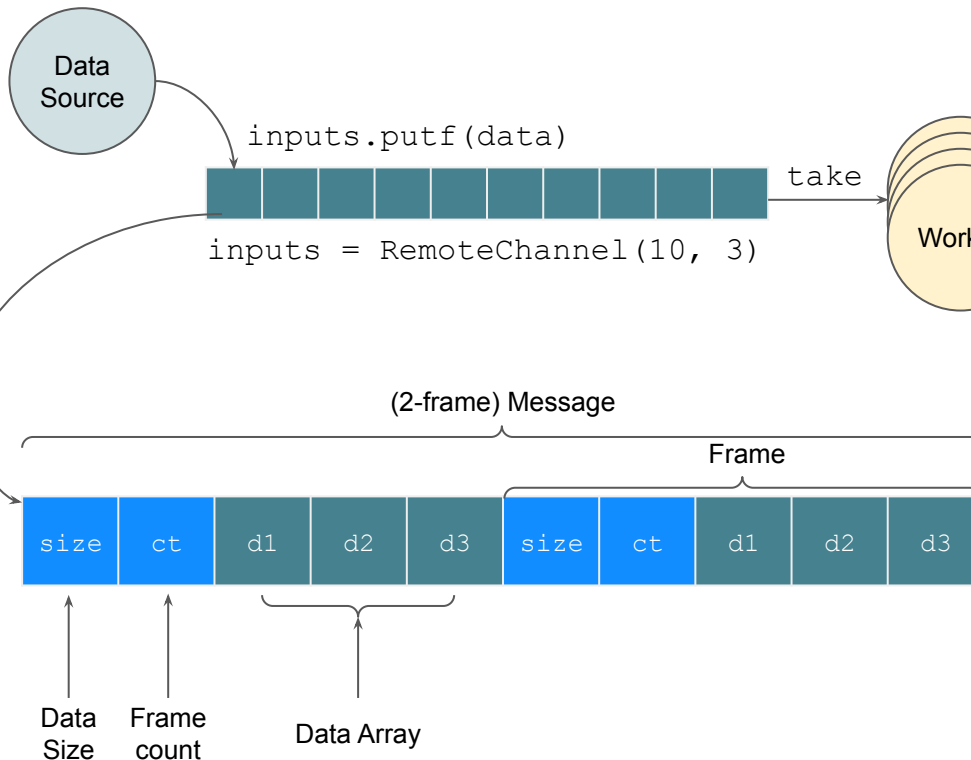


Remote Channels via MPI RMA

Channel Parallelism Using `mpi-channels`

`pip install mpi-channels`



```
channel = RemoteChannel(  
    buffer_size, message_size,  
    data_type, host_rank,  
    thread_pool_size  
)
```

- Messages (can be any structured data type) are broken up into Frames
- Frames have a fixed length
- `size` counts how many data array elements `dn` are used (`size <= message_size`)
- `ct` (in the first frame only) counts how many frames make up one message (0 for subsequent frames in the same message)

Example of 4-element message with `message_size=3`

