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API Collection

Extracting channels

Extract one channel from a four-channel interleaved buffer.

Topics

Extracting channels

```
func vImageExtractChannel_ARGB8888(UnsafePointer<vImage_Buffer>, UnsafePointer<vImage_Buffer>, Int, vImage_Flags) -> vImage_Error
```

Extracts a single channel from an 8-bit-per-channel, 4-channel interleaved buffer and writes the result to an 8-bit planar buffer.

```
func vImageExtractChannel_ARGB16U(UnsafePointer<vImage_Buffer>, UnsafePointer<vImage_Buffer>, Int, vImage_Flags) -> vImage_Error
```

Extracts a single channel from an unsigned 16-bit-per-channel, 4-channel interleaved buffer and writes the result to an unsigned 16-bit planar buffer.

```
func vImageExtractChannel_ARGBFFFF(UnsafePointer<vImage_Buffer>, UnsafePointer<vImage_Buffer>, Int, vImage_Flags) -> vImage_Error
```

Extracts a single channel from a 32-bit-per-channel, 4-channel interleaved buffer and writes the result to a 32-bit planar buffer.