Multi-planar format structures

The struct :c:type: 'v412 plane pix format' structures define size and layout for each of the planes in a multi-planar format. The struct c.type: v412 pix format mplane' structure contains information common to all planes (such as image width and height) and an array of struct :c:type: v412 plane pix format' structures, describing all planes of that format.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linuxmaster\Documentation\userspace-api\media\v41\[linux-master][Documentation][userspaceapi] [media] [v41] pixfmt-v412-mplane.rst, line 7); backlink

Unknown interpreted text role "c:type".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linuxmaster\Documentation\userspace-api\media\v41\[linux-master][Documentation][userspaceapi] [media] [v41]pixfmt-v412-mplane.rst, line 7); backlink

Unknown interpreted text role "c:type".

master\Documentation\userspace-api\media\v41\[linux-master][Documentation][userspaceapi] [media] [v41] pixfmt-v412-mplane.rst, line 7); backlink

Unknown interpreted text role "c:type".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linuxmaster\Documentation\userspace-api\media\v41\[linux-master][Documentation][userspaceapi] [media] [v41]pixfmt-v412-mplane.rst, line 16)

Unknown directive type "tabularcolumns".

```
.. tabularcolumns:: |p\{1.4cm\}|p\{4.0cm\}|p\{11.9cm\}|
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linuxmaster\Documentation\userspace-api\media\v41\[linux-master][Documentation][userspaceapi] [media] [v41]pixfmt-v412-mplane.rst, line 18)

Unknown directive type "c:type".

```
.. c:type:: v412 plane pix format
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linuxmaster\Documentation\userspace-api\media\v41\[linux-master][Documentation][userspaceapi] [media] [v41]pixfmt-v412-mplane.rst, line 20)

Unknown directive type "flat-table".

```
.. flat-table:: struct v412 plane pix format
   :header-rows: 0
   :stub-columns: 0
   :widths:
```

- * __u32 ``sizeimage``
 - Maximum size in bytes required for image data in this plane, set by the driver. When the image consists of variable length compressed data this is the number of bytes required by the codec to support the worst-case compression scenario.

The driver will set the value for uncompressed images.

Clients are allowed to set the sizeimage field for variable length compressed data flagged with ``V4L2_FMT_FLAG_COMPRESSED`` at :ref:`VIDIOC ENUM FMT`, but the driver may ignore it and set the value itself, or it may modify the provided value based on alignment requirements or minimum/maximum size requirements. If the client wants to leave this to the driver, then it should set sizeimage to 0.

```
u32
- ``bytesperline``
- Distance in bytes between the leftmost pixels in two adjacent
 lines. See struct :c:type:`v412 pix format`.
- _u16
- ``reserved[6]``
- Reserved for future extensions. Should be zeroed by drivers and
 applications.
```

 $System\,Message:\,ERROR/3\,(\texttt{D:}\ \texttt{\conboarding-resources}\ \texttt{\conboarding$ master\Documentation\userspace-api\media\v41\[linux-master][Documentation][userspaceapi] [media] [v41]pixfmt-v412-mplane.rst, line 55)

Unknown directive type "tabularcolumns".

```
.. tabularcolumns:: |p{4.4cm}|p{5.6cm}|p{7.3cm}|
```

 $System\ Message: ERROR/3\ (\texttt{D:} \ \texttt{Sample-onboarding-resources} \ \texttt{linux-resources})$ master\Documentation\userspace-api\media\v41\[linux-master][Documentation][userspaceapi] [media] [v41]pixfmt-v412-mplane.rst, line 57)

Unknown directive type "c:type".

```
.. c:type:: v412 pix format mplane
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linuxmaster\Documentation\userspace-api\media\v41\[linux-master][Documentation][userspaceapi] [media] [v41] pixfmt-v412-mplane.rst, line 59)

Unknown directive type "flat-table".

```
.. flat-table:: struct v412_pix_format_mplane
    :header-rows: 0
    :stub-columns: 0
    :widths:
                    1 1 2
          u32
      - ``width``
      - Image width in pixels. See struct
        :c:type:`v412 pix format`.
          u32
      - _usz
- ``height``
      - Image height in pixels. See struct
        :c:type:`v412 pix format`.
      - u32
- ``pixelformat``
      - The pixel format. Both single- and multi-planar four character
       codes can be used.
      - __u32
- ``field``
      - Field order, from enum :c:type:`v4l2_field`.
       See struct :c:type: `v412 pix format`.
    * - _u32
- ``colorspace``
      - Colorspace encoding, from enum :c:type:`v412 colorspace`.
        See struct :c:type:`v412_pix_format`
    * - struct :c:type: `v4l2 plane pix format`
      - ``plane_fmt[VIDEO_MAX_PLANES]
      - An array of structures describing format of each plane this pixel
        format consists of. The number of valid entries in this array has to be put in the ``num_planes`` field.
      - __u8
- ``num_planes``
      - Number of planes (i.e. separate memory buffers) for this format
       and the number of valid entries in the ``plane fmt`` array.
      - __u8
- ``flags`
      - Flags set by the application or driver, see :ref:`format-flags`.
    * - union {
      - (anonymous)
    * - _u8
- ``ycbcr enc``
      - Y'CbCr encoding, from enum :c:type:`v412_ycbcr_encoding`.
        See struct :c:type:`v412 pix format`.
```