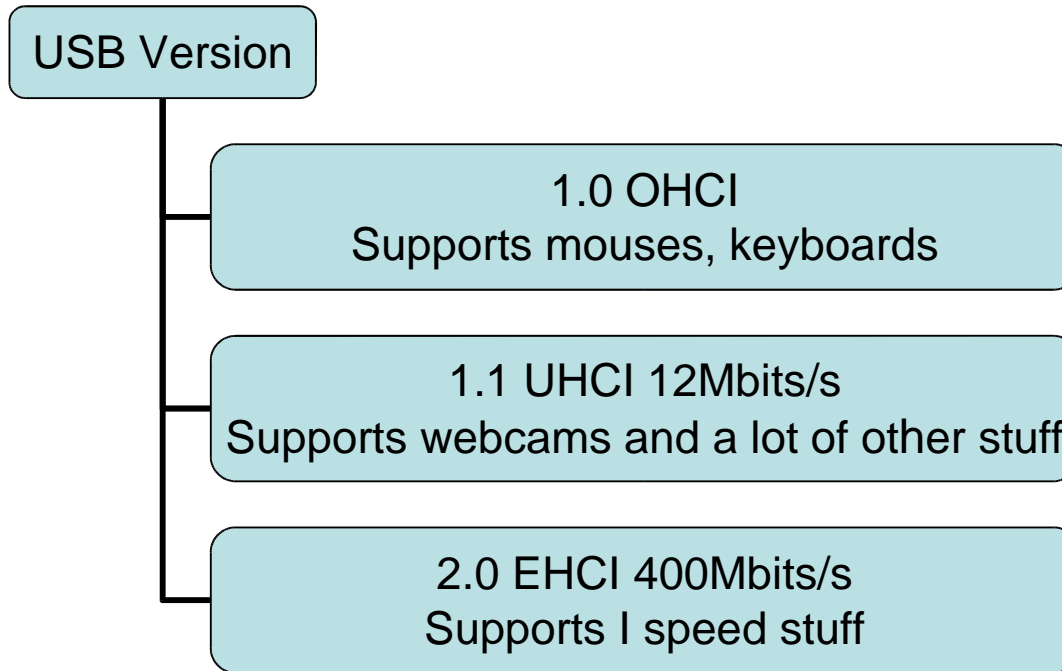
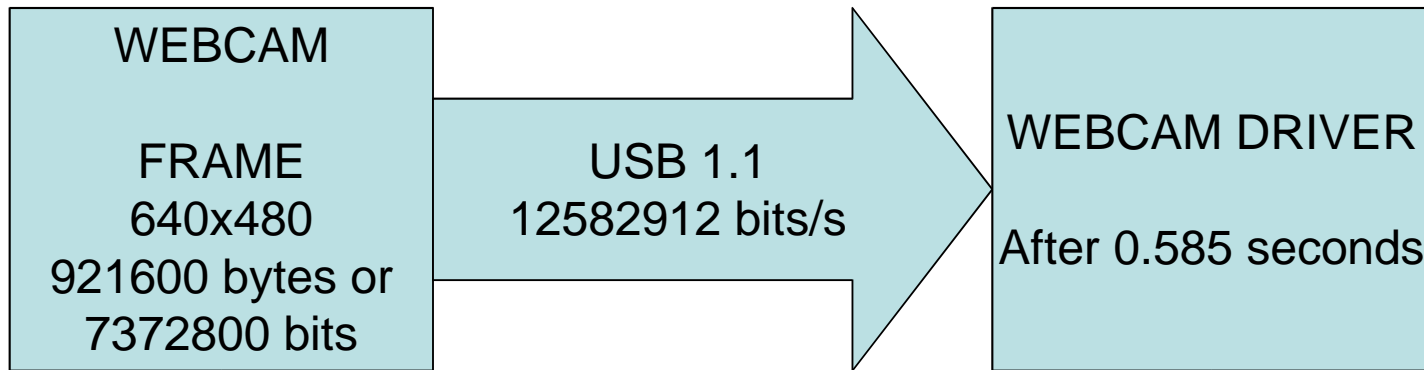


WEB Cameras for OS/2
Presentation for Developers
Workshop

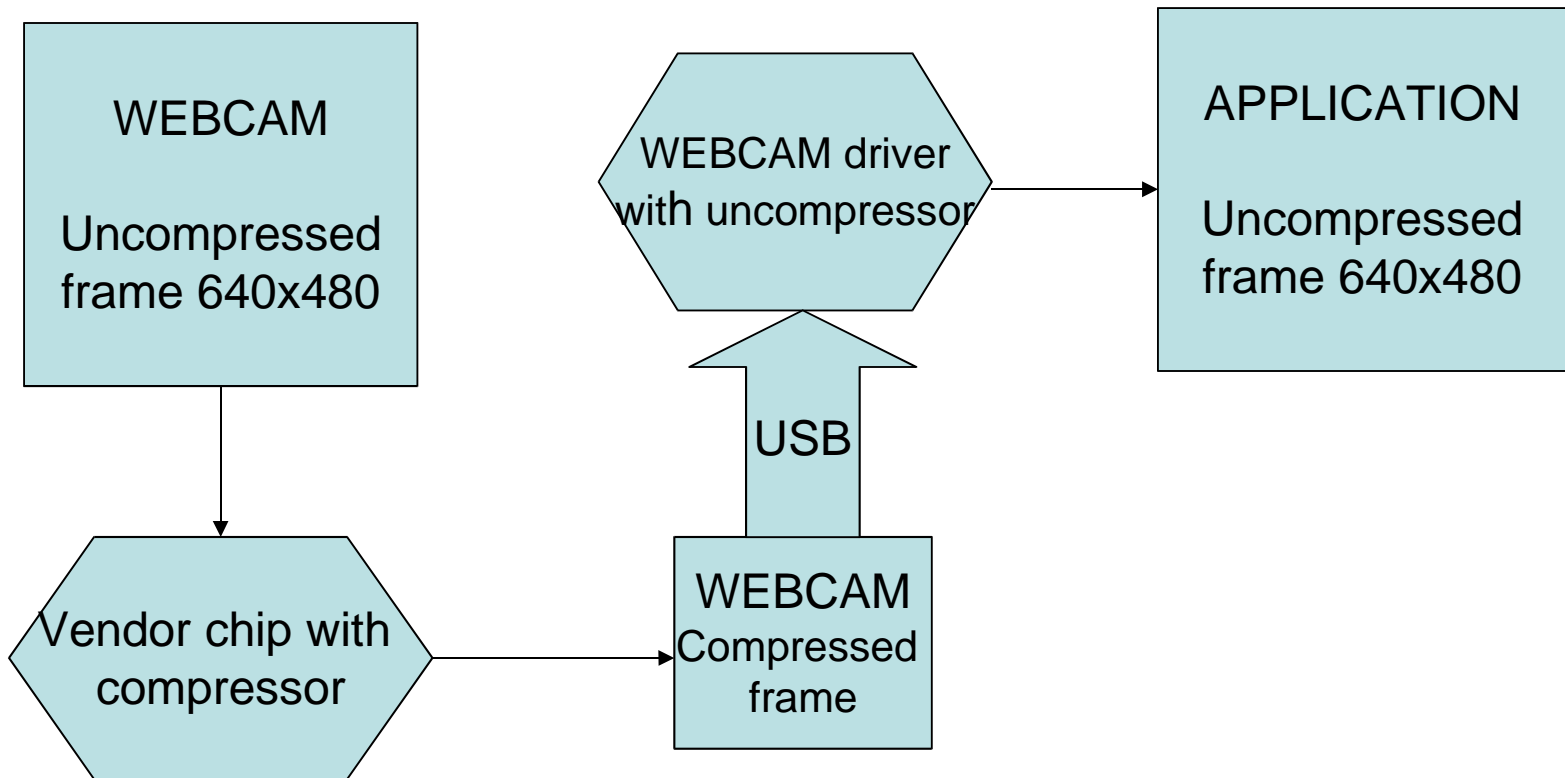
USB History



WEBCams uncompressed frames pass through problem



Common WEB Camera Frames pass through

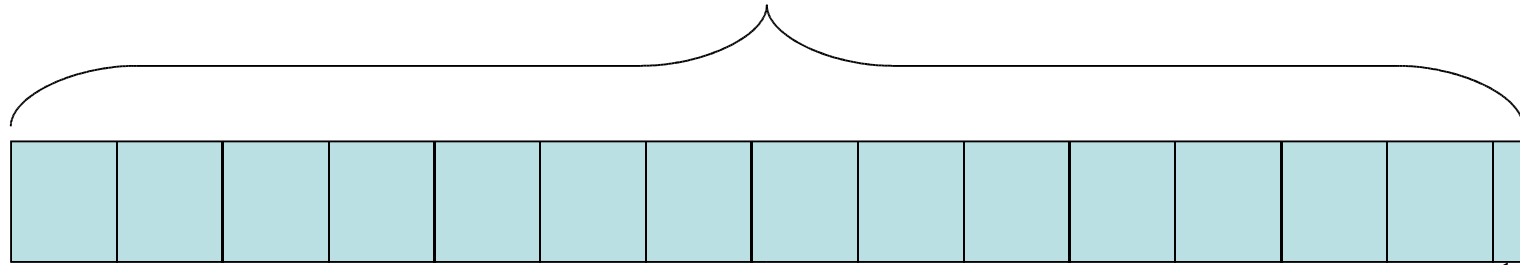


Currently supported WEBCAMS

- Philips PCA645
- Philips PCA646
- Philips PCVC675
- Philips PCVC680
- Philips PCVC690
- Philips PCVC720/40
- Philips PCVC730
- Philips PCVC740
- Philips PCVC750
- Askey VC010
- Creative Labs Webcam 5
- Creative Labs Webcam Pro Ex
- Logitech QuickCam 3000 Pro
- Logitech QuickCam 4000 Pro
- Logitech QuickCam Notebook Pro
- Logitech QuickCam Zoom
- Logitech QuickCam Orbit
- Logitech QuickCam Sphere
- Samsung MPC-C10
- Samsung MPC-C30
- Sotec Afina Eye
- AME CU-001
- Visionite VCS-UM100
- Visionite VCS-UC300

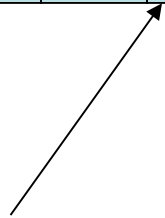
Phillips's WEBCAM's frame

Frame



Chunk = ISO packet

Last chunk



Current WEBCAM's API

- `int _System WebCamInit(int usb_dev, int mode, int fps, int snapshot);`
- `int _System WebCamGetFrame(char *buf, int size);`
- `int _System WebCamClose(void);`
- `int _System WebCamGetParams(int *w, int *h, int *bufsize);`
- `int _System WebCamGetBrightness(int dev);`
- `int _System WebCamSetBrightness(int dev, int value);`
- `int _System WebCamGetContrast(int dev);`
- `int _System WebCamSetContrast(int dev, int value);`
- `int _System WebCamGetGamma(int dev);`
- `int _System WebCamSetGamma(int dev, int value);`
- `int _System WebCamGetSaturation(int dev);`
- `int _System WebCamSetSaturation(int dev, int value);`

WEB Cameras usage

Video conferencing systems

Streaming video for HTTP servers

Video capturing

Home/business security applications