ImgCIF Implementation:
Issues for Vendors

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Information Collection Issues

From the Beam Line:

* Some configuration parameters will rarely change.

* Other beam line sourced values will change per-image.

* ImgCIF (headers) should provide a uniform way to pass these way to detector software. Now, there is no standard way to do this.

Integration with Detector Software

Implementation:

* Convert current image format to imgCIF.

* Add information not included in the current image format.

* Add additional functionality: include imgCIF in display program
* Need bi-directional conversion programs from current image formats to/from imgCIF form. It's especially important in the beginning that you can "get back" the original file formats from imgCIF files.

Verification Issues

Data Processing Programs:

* Same result with imgCIF files as current format files?

* Do output imgCIF images generate correct program defaults?

Using CBFlib code:

* As much as possible use common routines such as cbf_simple.c

* This code should be maintained as part of CBFlib to help users of imgCIF files to write simple, reliable code.