QUERATOR!
F. Pierfederici (ESO, ST-ECF - Garching, Germany)

WHAT IS IT?

Use Querator if you are looking for multicolor images in archives!
Just set constraints on the type and number of filters of interest, specify a wavelength coverage, any other constraint you might want and you get the images you are looking for!

Other features include:
- cross-correlation with astronomical catalogues (from ADC, LEDA and Vizier)
- multi archive and multi instrument support (HST, VLT and more)
- requesting selected images from the supported archives is a snap!
**DO I NEED IT?**

Yes! Querator has already been successfully used by astronomers interested in:

- studies of progenitors of supernovae
- evolution of galaxy morphology with redshift
- multicolor photometry of interacting galaxies
- gravitational lensing
- luminosity functions of stellar clusters
- cosmic shear
- and much more!

**GIMME SOME EXAMPLES!**

Questions Querator is able to answer include:

- which face-on spiral galaxies closer than 20Mpc have been observed, with sub-arcsec seeing, either with the VLT or the HST WFPC2 in at least three different broad band filters covering the 4000–6000Å and 7500–10000Å ranges?
- which core-collapsed globular clusters have been observed with HST in at least three colors?
- how many images of a given object (e.g. NGC 4038, The Antennae) were acquired by the HST WFPC2 in at least two filters among H$_\alpha$, U, and R?

**OK, BUT HOW DO I GET IT?**

Simple! Anybody can access Querator at the following URL:

http://archive.eso.org/querator/

(and it’s free!)