

TERAPIX / CFHTLS

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06/04/2005



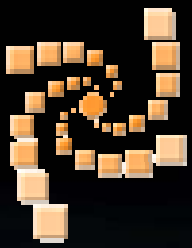
Le contexte du survey CFHTLS

Le survey CFHTLS :

- CFHTLS (~50 TB de données = ~ 30000-60000 images + images calibrées)

Les caractéristiques :

- Plusieurs dizaines de TB de données
- La couverture du ciel
- La durée du survey



Equipe TERAPIX

3 astronomes : Y. Mellier (PI), E. Bertin (PS) et H. McCracken

4 ingénieurs permanents : M. Dantel-Fort, L. Domisse, F. Maganrd et G. Missonnier

1 ingénieur non permanent : J-C Malapert



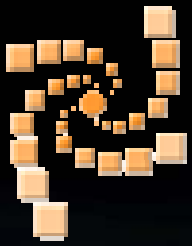
TERAPIX dans VO

Logiciels / services VO en cours de développement

- AVOcat (collaboration avec le CDS)
- Skywatcher
- LibVOTABLE
- Webservice de Skywatcher

Futurs services ???

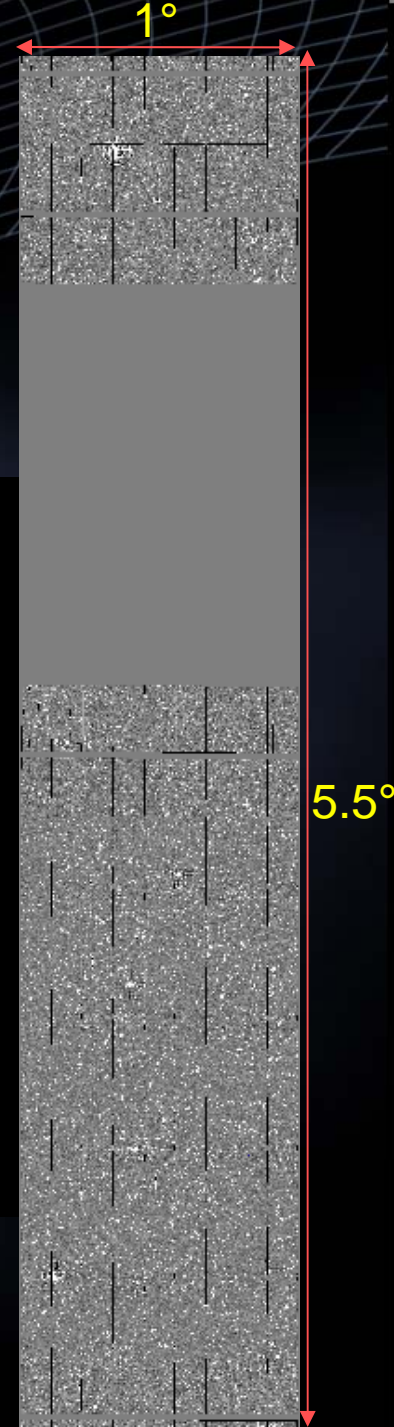
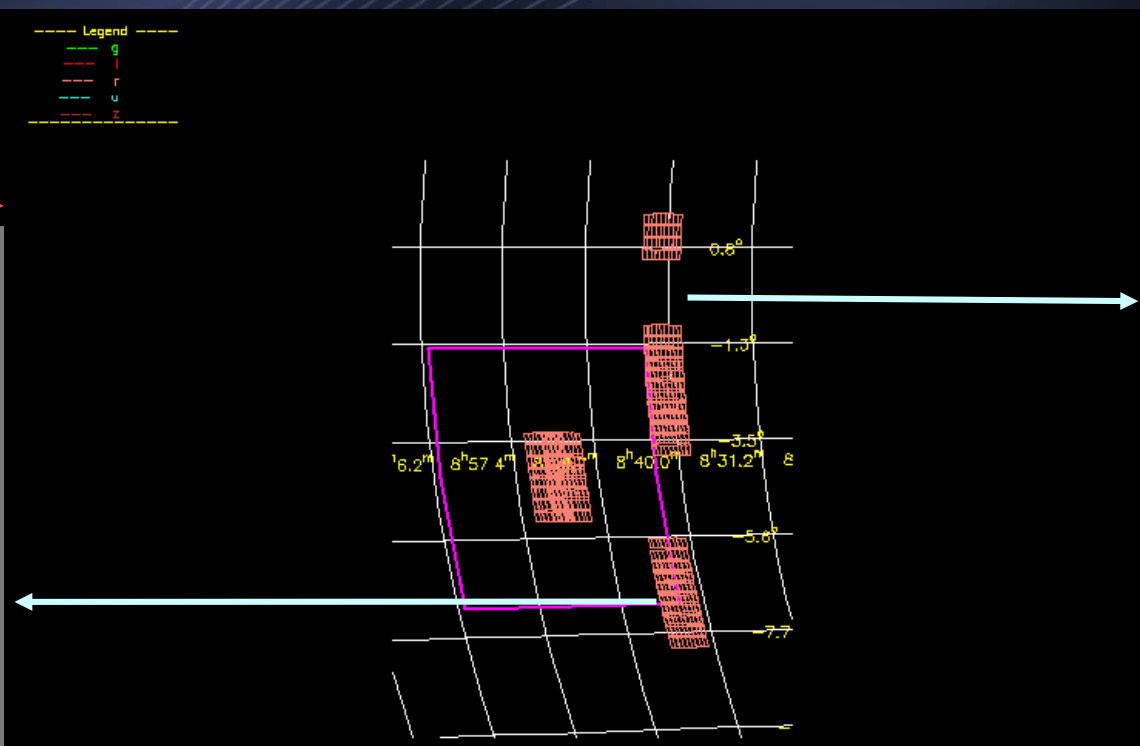
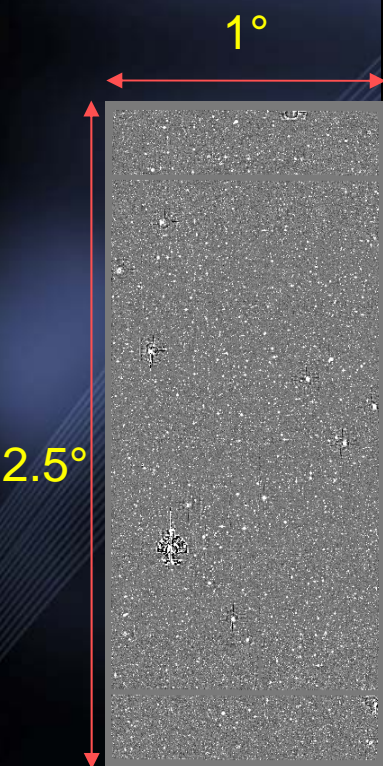
- Webservice de swarp (cutout)
- Webservice de QualityFits



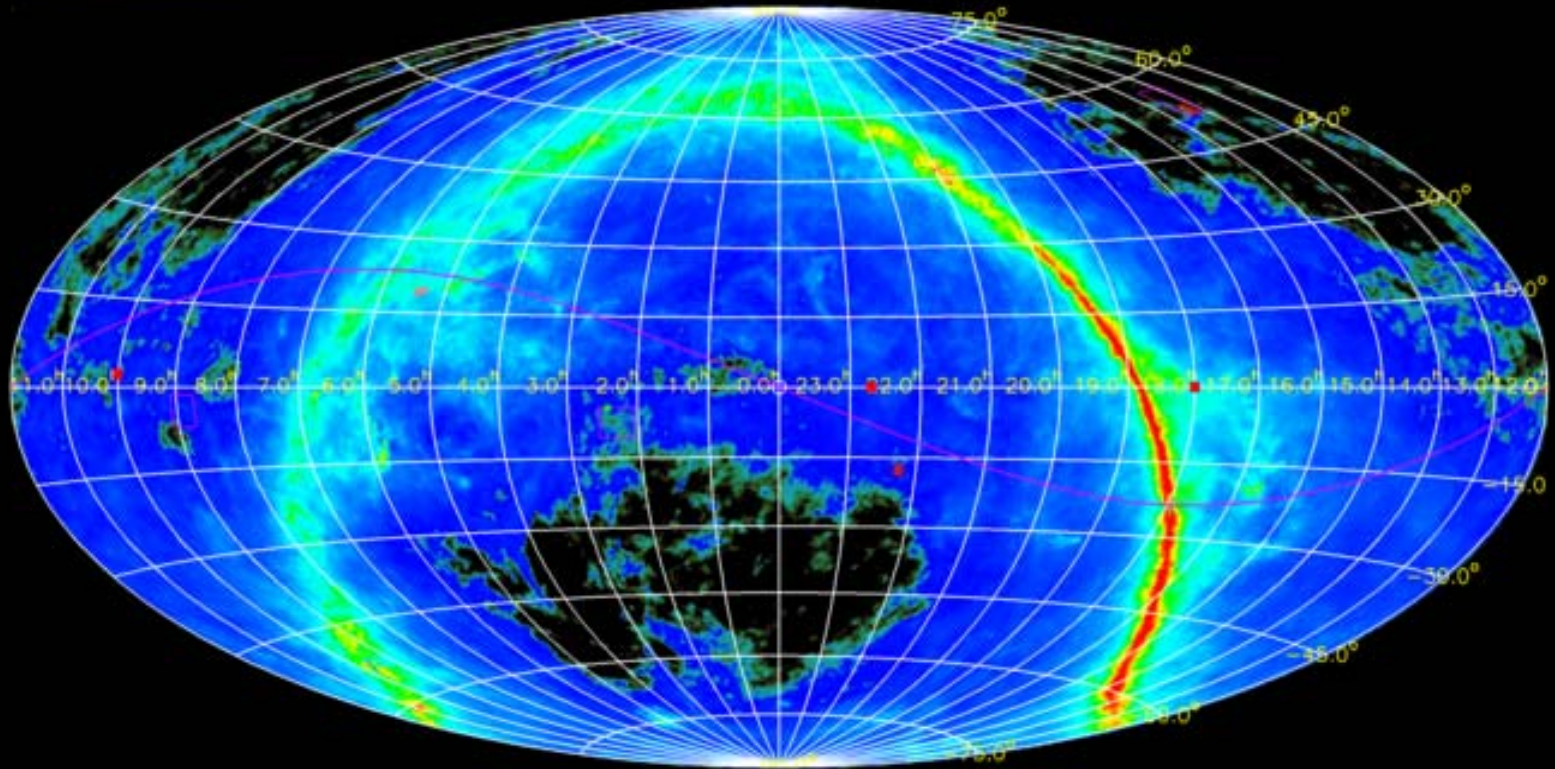
skywatcher

- Logiciel du suivi du survey CFHTLS
- Buts :
 - => placer les champs de vue sur la spère céleste
 - => suivre l'évolution
 - => identifier les problèmes de FITS keywords

Pré-survey W2



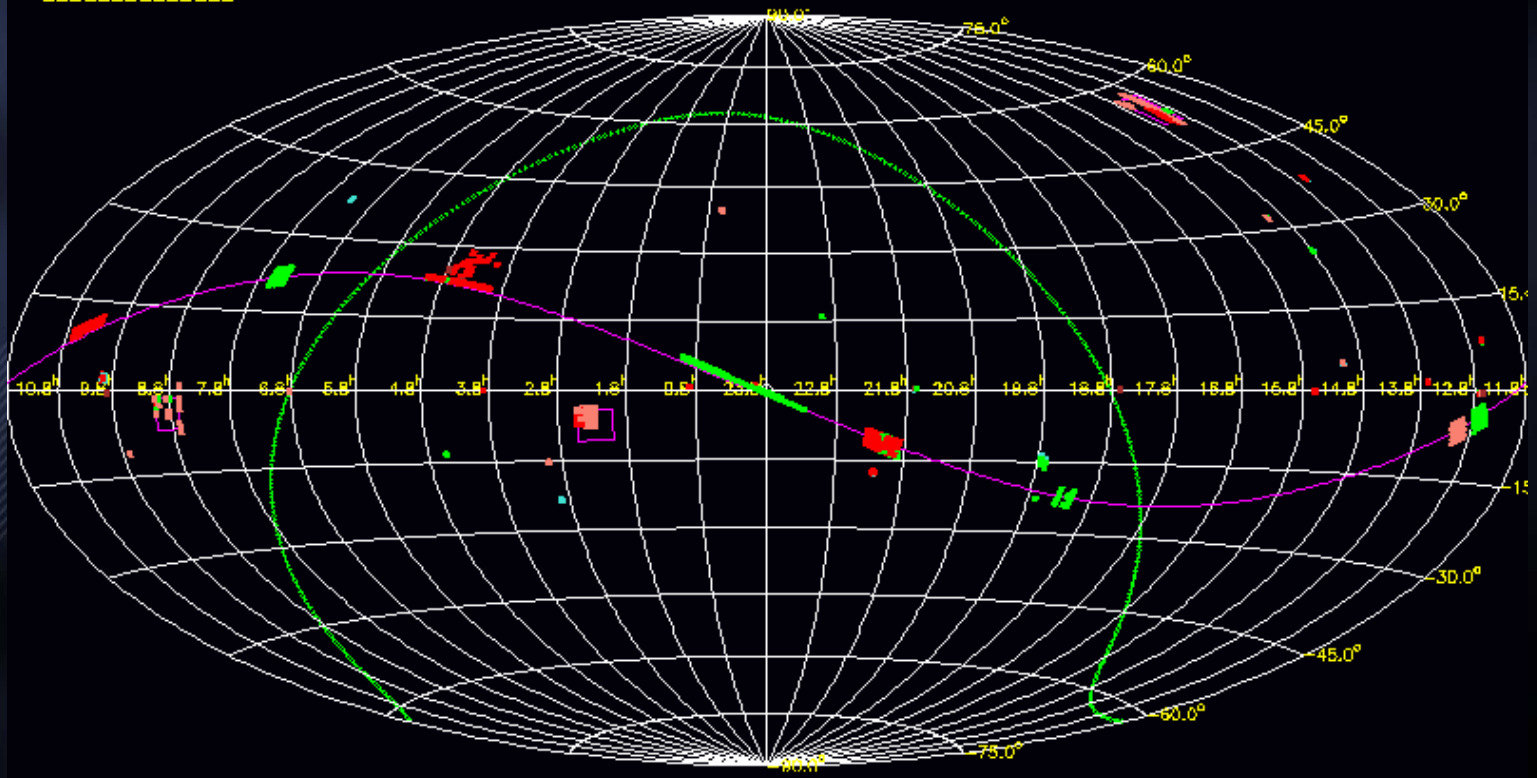
Deep



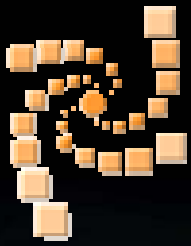
command line : skywatcher -s deep -d png

Animation

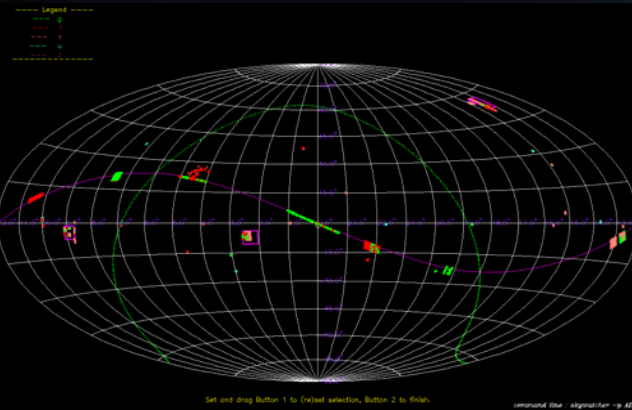
--- Legend ---
-g-
-i-
-r-
-u-
-z-



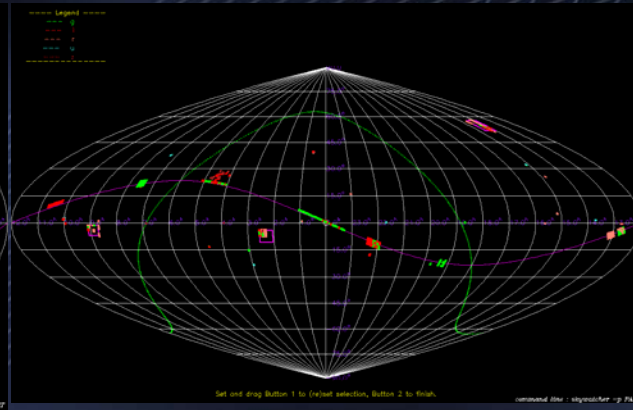
command line : skywatcher -H 83 -M 60 -d png



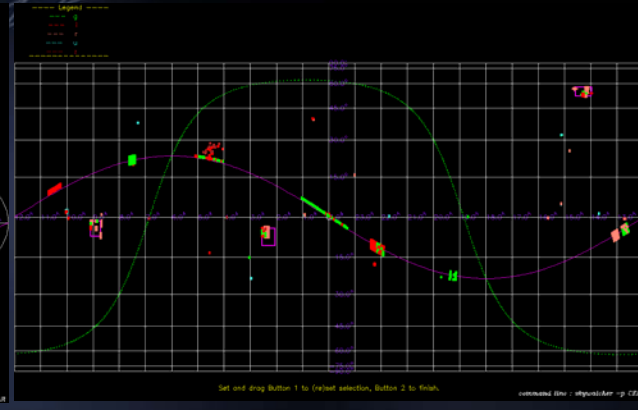
Projections disponibles



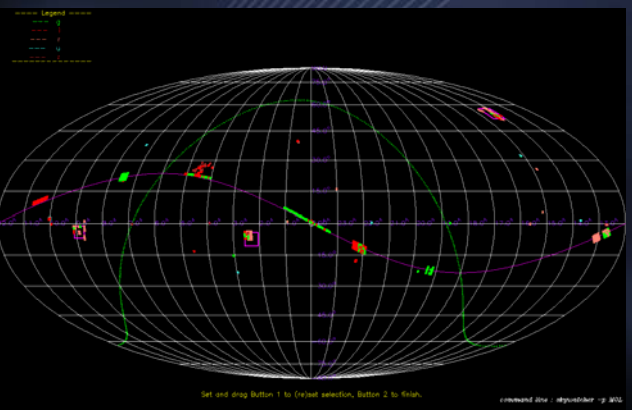
Aitoff



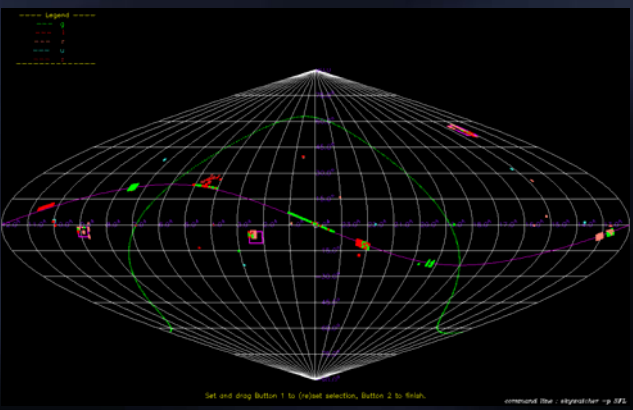
Parabolic



Cylindrical equal area



Mollweide's



Sanson-Flamsteed

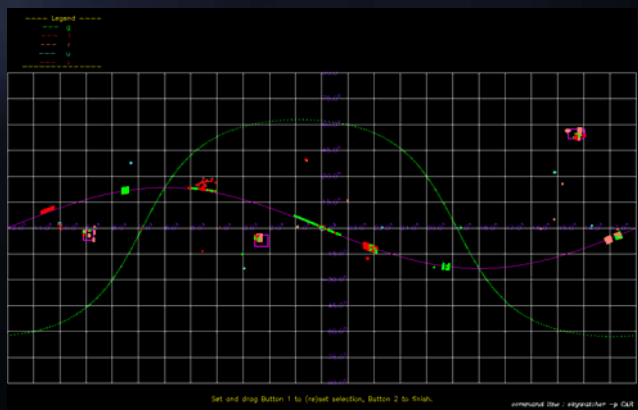


Plate carrée