STEREO toolbox

Old wine in a new interoperable bag

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Rationale

- Throughout SR2, image processing SW (pre-, post-) was developed which is not known to/used by the Belgian scientific User community

- Relevant algo's need to be inventoried, harmonized and collected in a well documented toolbox (cfr VIPER)

- The educational segment of the User community should be involved/served, implying a tiered bachelor/master/PhD complexity

- The core algo should be free of charge and easily available, e.g. based on Q-GIS

- Different thematic areas could be developed as add-ons/plug-ins to this core algo. A first module addressed could be forestry (?)

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Examples

- Several free, open SW packages exist and could be used as example/basis:
  - ILWIS
  - ORFEO (+ Monteverdi toolbox)
  - GRASS (+ **S**pectral **Py**thon – hyperspectral module)
  - BILKO

- Scyllarus (C++) integrates hyperspectral data in applications; similar modules could address different data sources

- Most toolboxes and plug-ins available aim at developers: need to team up thematic and IT partners

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Conclusions

- Good idea ? Remarks ?

- File SR3-proposal in the frame of EODesk

- Anybody interested >> coffee breaks !

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