



Recent advances in VTK

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Kitware VIS 2009 BOF

attempt 1

```
git diff --stat 54c8b7 |  
  awk '$3 > 100 { print $0; }'
```

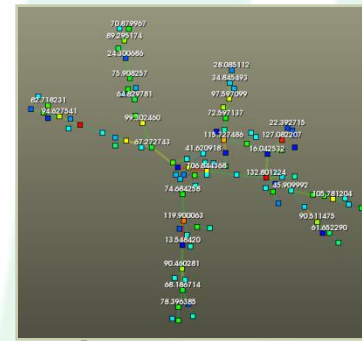
view in excel

attempt 2

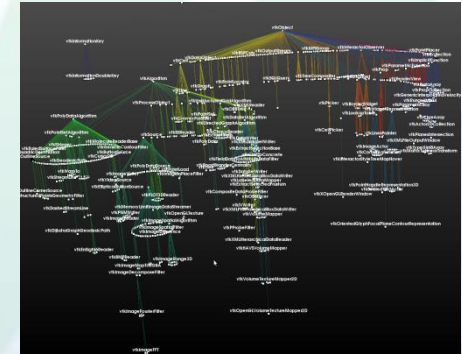
code swarm

informatics

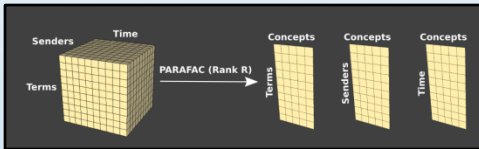
graph, tree, table data structures and algorithms (boost graph library, PBGL)



graph layout



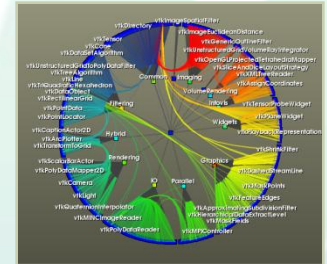
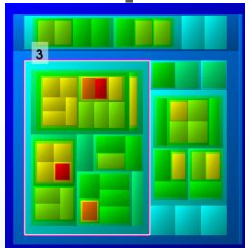
multi-dimensional arrays (see vtkArray)



statistics (serial and parallel)

views

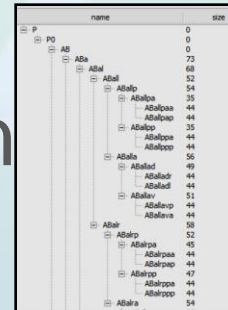
data representation, interaction, annotation,
linked selection



graph and tree layout, treemap, ring

title	year	release_date	run_ratings	average_rating
"18 Wheels of Justice" (2000)	2000	2118144304000000	14	4.8
"24 Conspiracy" (2005)	2005	2086578144000000	8	4.4
"29 Minutes & Counting" (2004)	2004	2086578144000000	0	0
"2gether: The Series" (2000)	2000	2118331008000000	17	5.5
"30 Days 'Til I'm Famous" (2006)	2006	2086578144000000	0	0
"30 by 30: Kid Flicks" (2001)	2001	2086578144000000	0	0
"411, The" (2005)	2005	2120069920000000	0	0
"70% House, The" (2005)	2005	2119873240000000	12	5.5
"9th & Ocean" (2006)	2006	2120084020000000	89	4.9
"A.T.M., A Tada M." (2005)	2005	2118891392000000	0	0
"A.U.S.A." (2003)	2003	2119111200000000	0	0
"AMC Project, The" (2003)	2003	2086578144000000	0	0
"ANN Action TV" (2000)	2000	2086578144000000	0	0
"Aardvark" (2000)	2000	2118151296000000	0	0
"Aby" (2003)	2003	2119086544000000	0	0

Qt integration



simple geospatial views

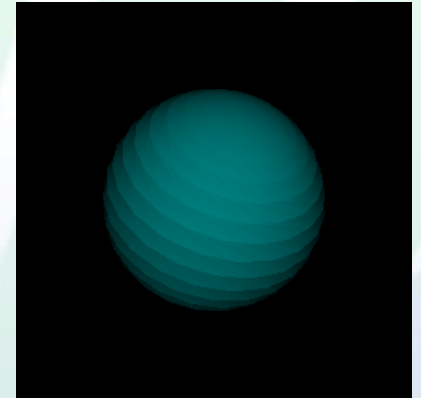


rendering / other

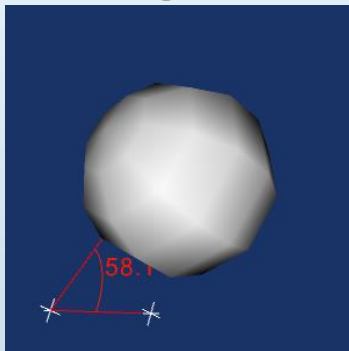


Qt label rendering

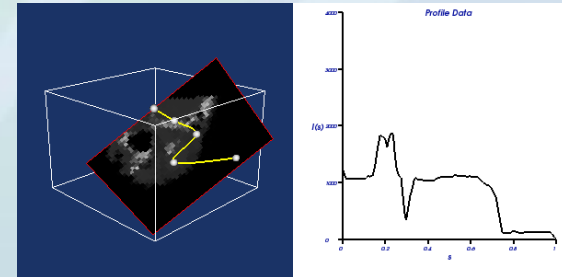
shader support



angle and spline widget improvements



point locators



future

advanced charting

introspection support

text processing and visualization

(your code here)