

3D Graphics in Sage

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While 2D plotting is in SAGE excellent, 3D plotting is severely lacking.

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 - ▶ <http://cic.nist.gov/vrml/vbdetect.html>
- ▶ Not all of them very good though ...yet

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- ▶ Complicated structures can be duplicated by reference

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- ▶ Soon to be GPL'd?

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No! (Not that we could find...)

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Guess we'll have to write one...

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- ▶ Really part of the web3d team.

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- ▶ Pass the scene to Java3D to display in our own custom applet
- ▶ Free to import any vrml/x3d file, use any (implemented) vrml/x3d features.
- ▶ If the user wants to use their own VRML browser, this could be easily done.

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- ▶ Large (6+ MB compressed), though we could perhaps use a custom trimmed-down version.
- ▶ Not insurmountable —it's working right now

Demo

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