POV-ray: a 3D graphics tool for TeX

Kaveh Bazargan
Focal Image Ltd
kaveh@focalimage.com

CV Radhakrishnan
Focal Image (India) Private Ltd
cvr@focalimage.com

CV Rajagopal
Focal Image (India) Private Ltd
cvr3@focalimage.com

July 3, 2003

Abstract   POV-ray (http://www.povray.org) is a 3D image renderer. TeX is a text type-setting engine. The two programs have much in common: Freely available; multi-platform; unrivalled output quality; text-based input; ability to read and write files; fully programmable. We will show how these two programs can work together to make beautiful documents. In particular, we will concentrate on how TeX can use POV-ray to add photorealistic embellishments to textual documents.