Oral du projet de Programmation Objet

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Introduction

Nous fournissons 3 choses:

- ▶ Un format de fichier pour pour pouvoir écrire des scènes à la main, dans une interface graphique ou automatiquement.
- Deux programmes :
 - Une interface graphique pour éditer un fichier représentant une scène.
 - Un programme en ligne de commande pour générer une image à partir d'un fichier de scène.

Organisation

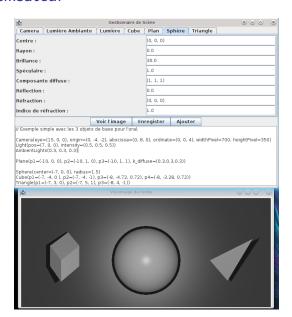
Nous avons découpé le travail :

- Maxime a principalement travaillé sur l'interface graphique.
- Martin a principalement travaillé sur le format de fichier, l'écriture d'images PPM et les classes représentant les objets.
- Korantin a principalement travaillé sur le lancé de rayon et les propriétés optiques.

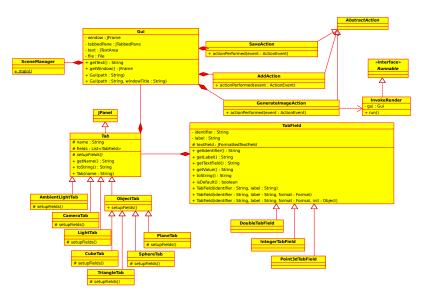
Exemple de fichier

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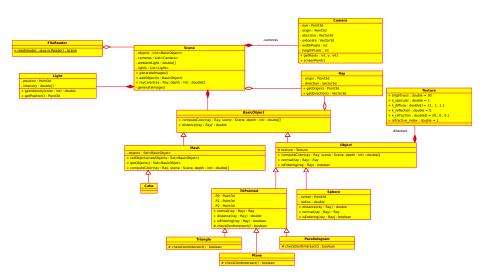
Interface utilisateur



Conception de l'interface utilisateur



Conception



Exemple de rendu plus complexe



Exemple de rendu plus complexe, autre point de vue

