

VIRTUAL REALITY SOFTWARE TAXONOMY

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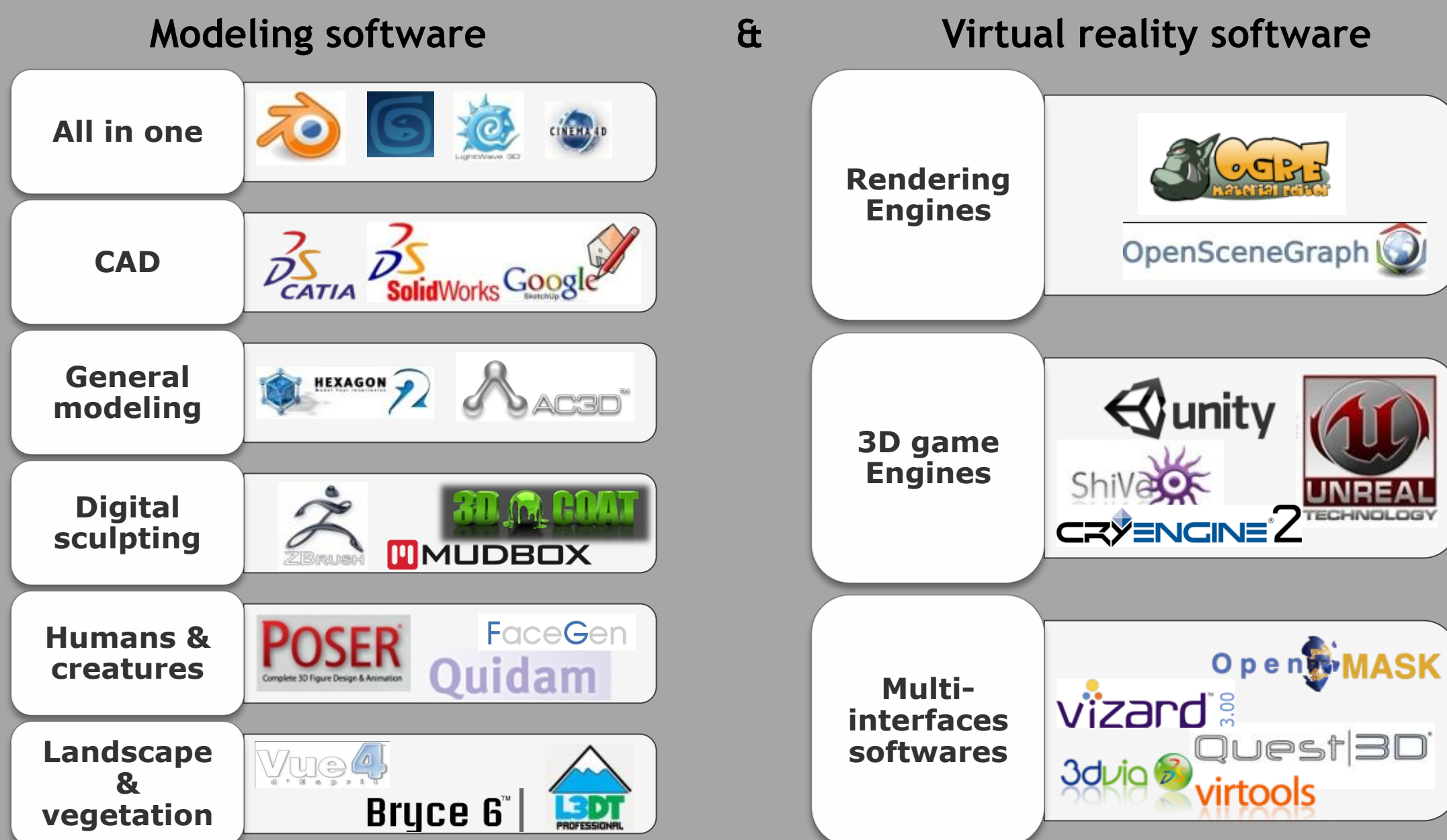
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Keywords : virtual reality, software, taxonomy, state of the art, comparison

Aim :

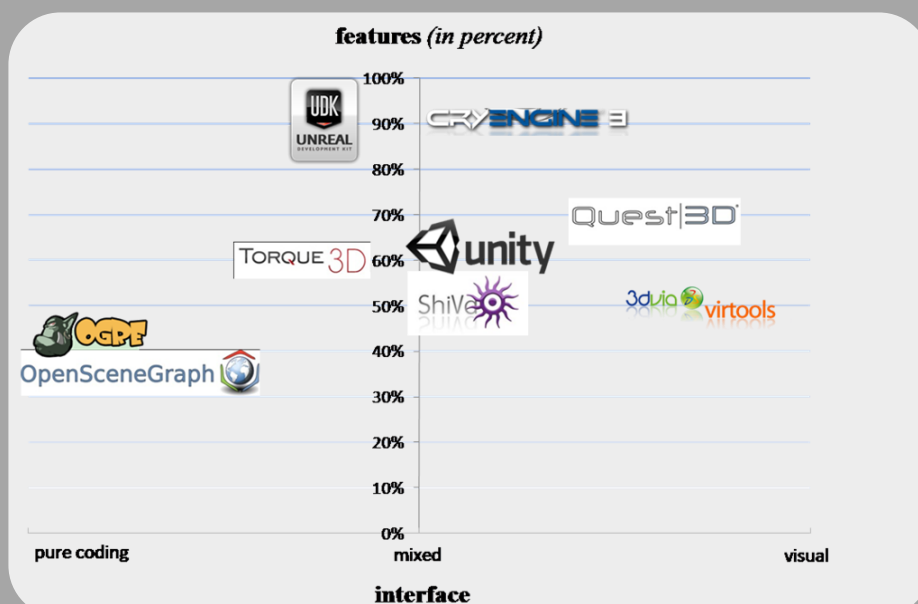
- Help to choose appropriate software according to your needs
- Realize a state of the art of virtual reality software
- Classify software into different categories
- Evaluate software with objective criterias
- Compare software each others

State of the art of more than 150 software classified into different categories :

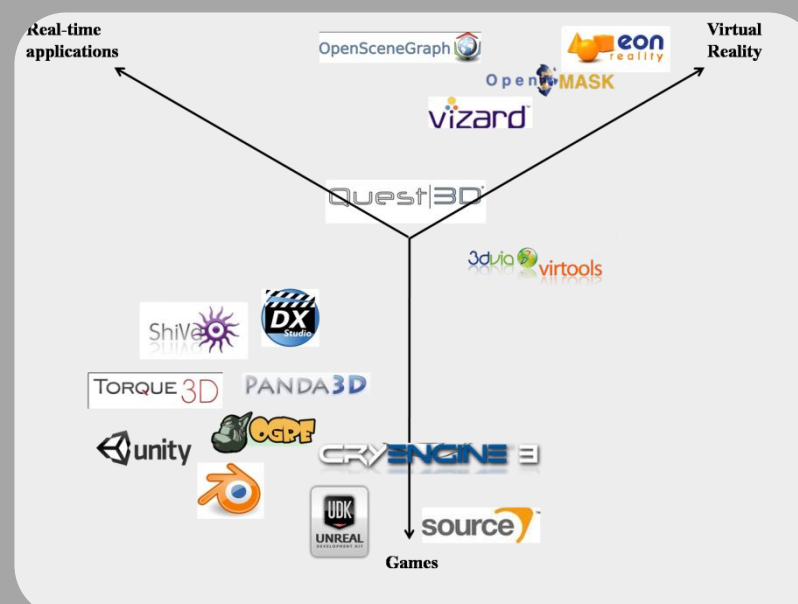


Comparison exemples :

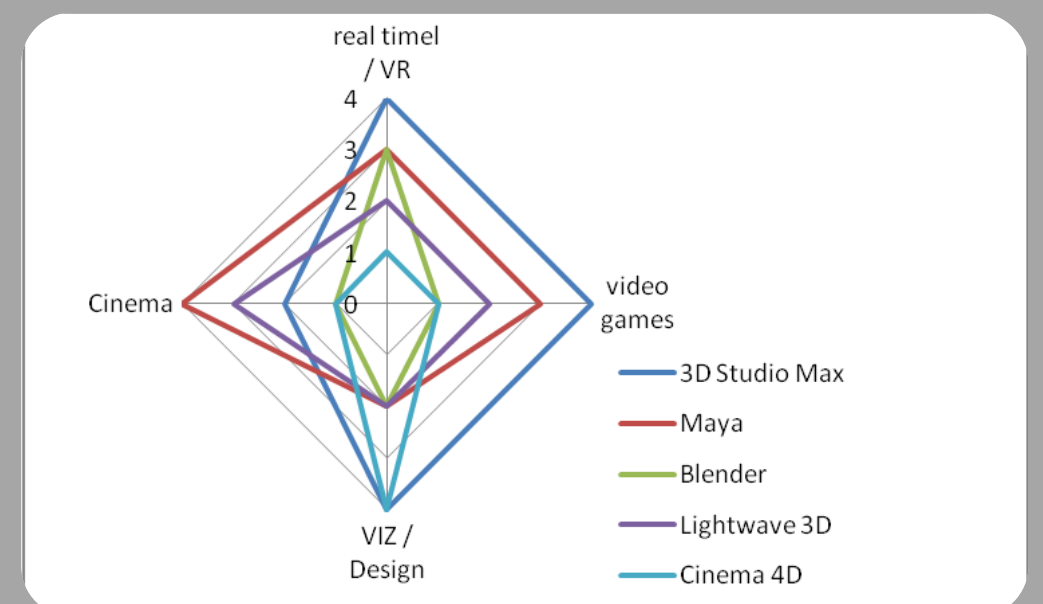
Features according to the interface :



First targeted market :



Popularity in various domains :



References :

Fuchs and al., *Le traité de la réalité virtuelle*, Vol.1, Introduction, 1996.

Nijad Al-Najdawi, *Introduction to Visualization using Game Engines*, Electronic and Electrical Engineering Department, Loughborough University, 2007.

Benoît Saint-Moulin, *3D softwares comparisons table*, http://www.tdt3d.com/articles_viewer.php?art_id=99, 2007.

Sylvain Jubertie, *Modèles et outils pour le déploiement d'applications de Réalité Virtuelle sur des architectures distribuées hétérogènes*, Université d'Orléans, 2007.

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