Selected Topics for the Graphics Hackers

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What's Going On?

- Impress Slideshow: 3D transitions
- General GUI: auto-layouting
- Drawing Core Rework: model/view-split, anti-aliasing

3D Transitions

3D Transitions

3D Transitions

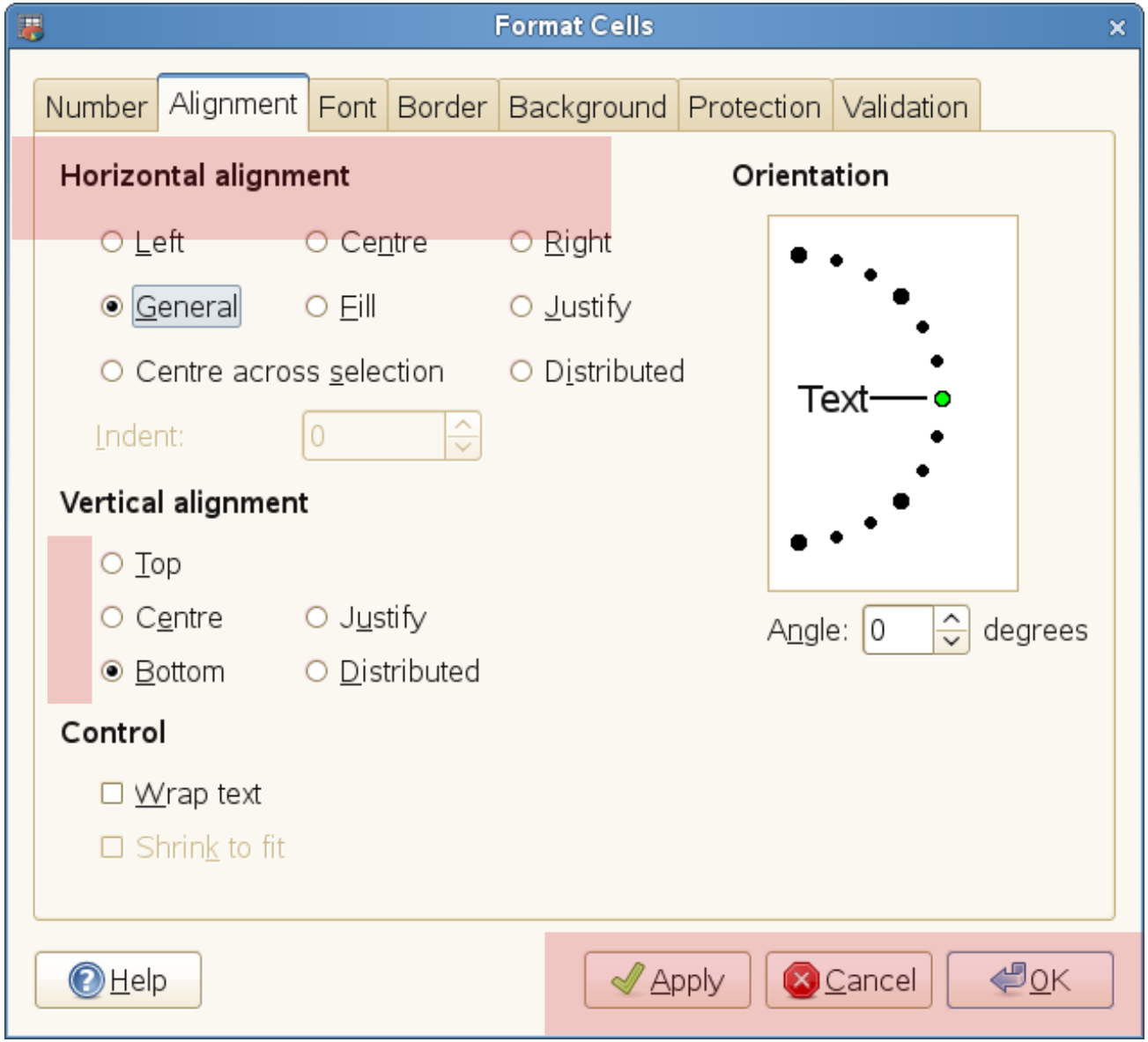
3D Transitions: How & Where

- slideshow/source/engine/OGLTrans/*

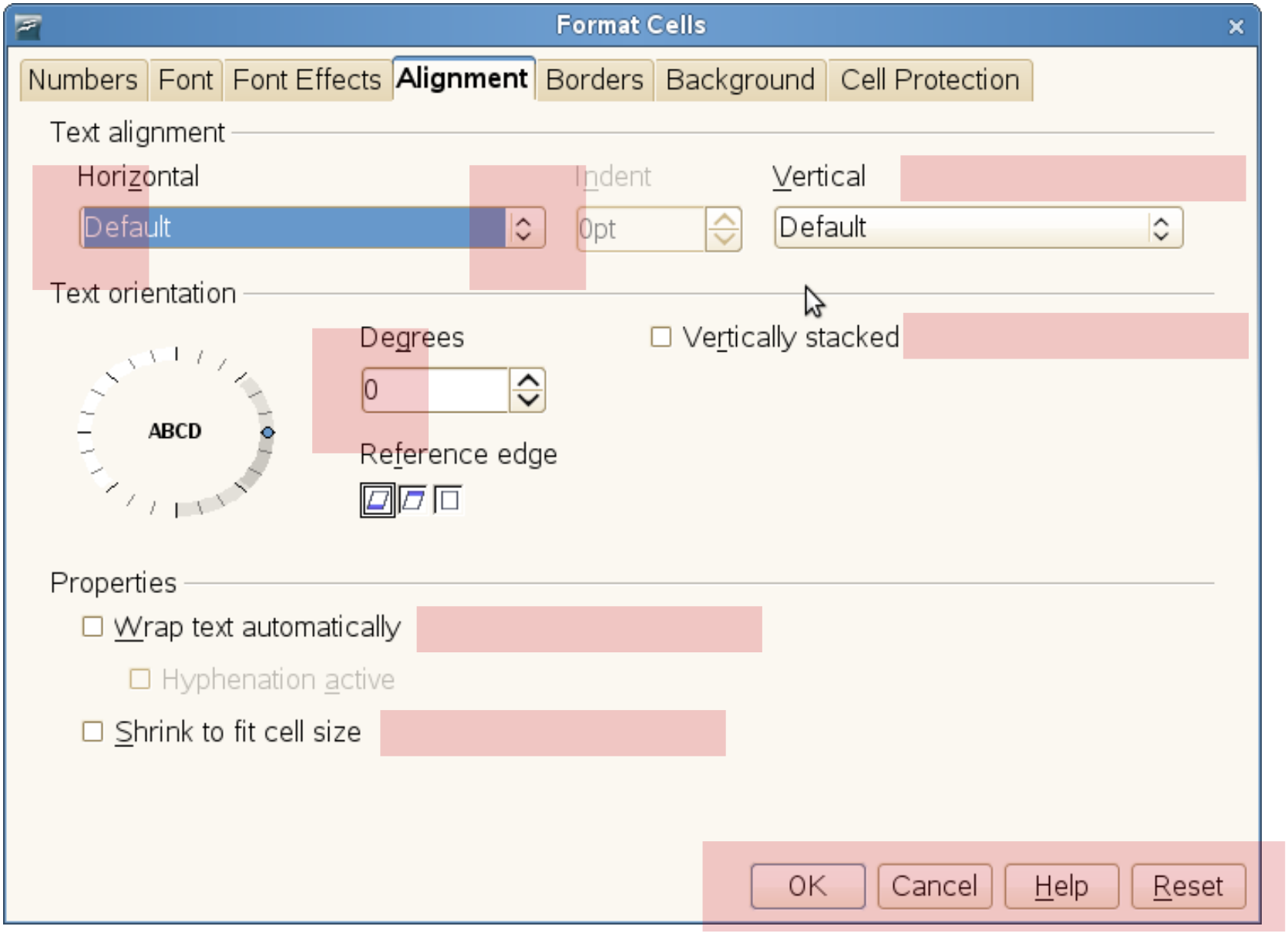
```
interface XTransitionFactory:
    boolean hasTransition(type, subType);
    XTransition createTransition(type, subType, bmpIn, bmpOut);
```

```
interface XTransition :
    void update(t);
```

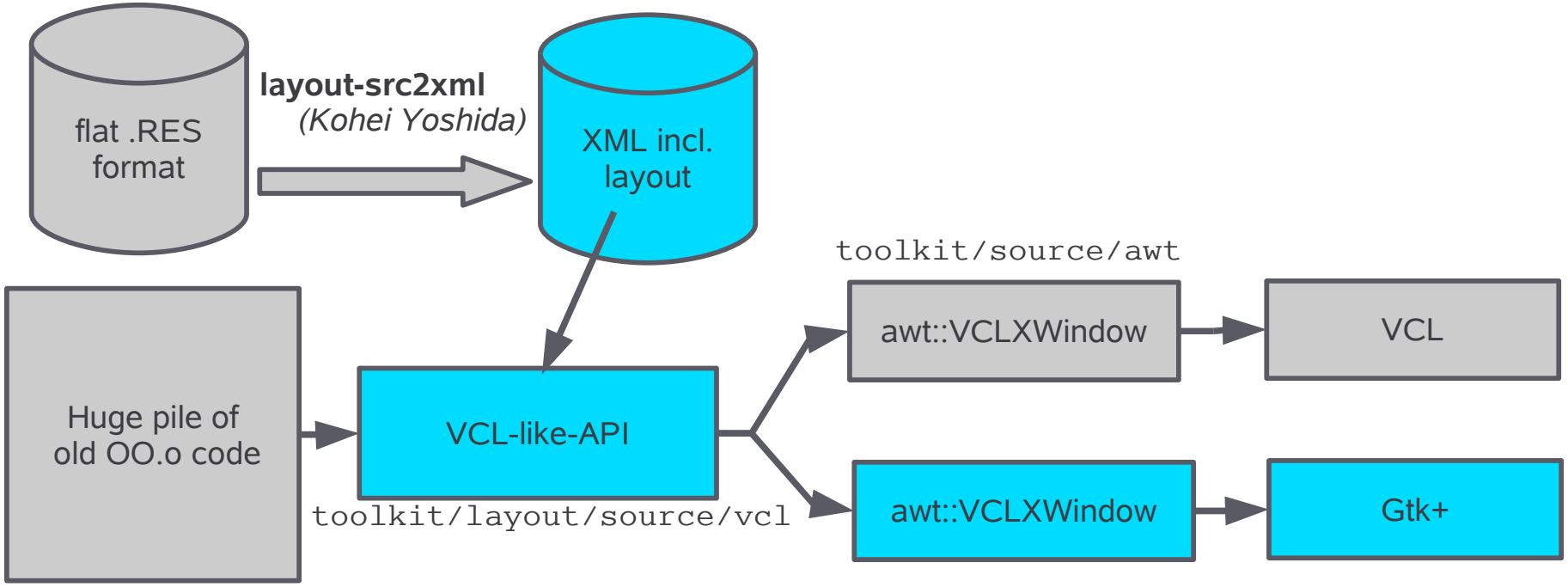
Dialog Layout: Gnumeric



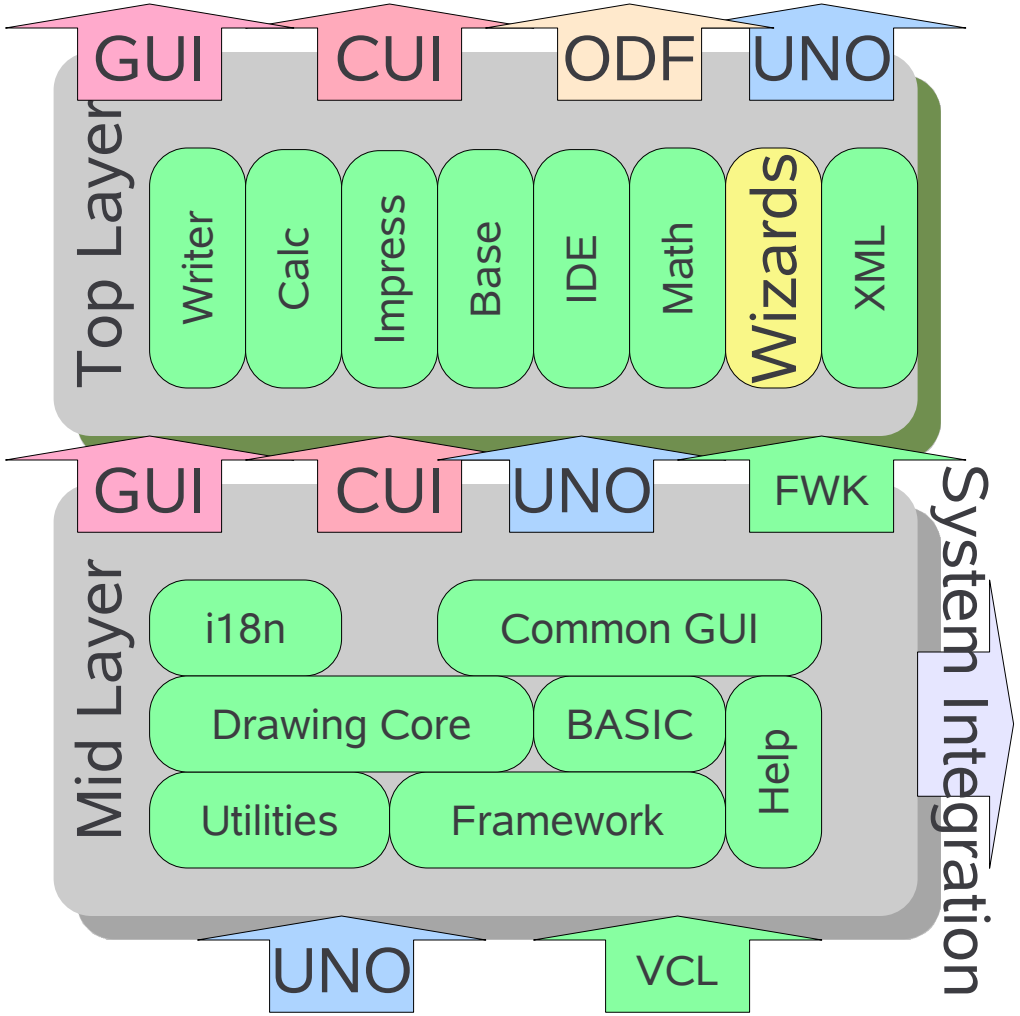
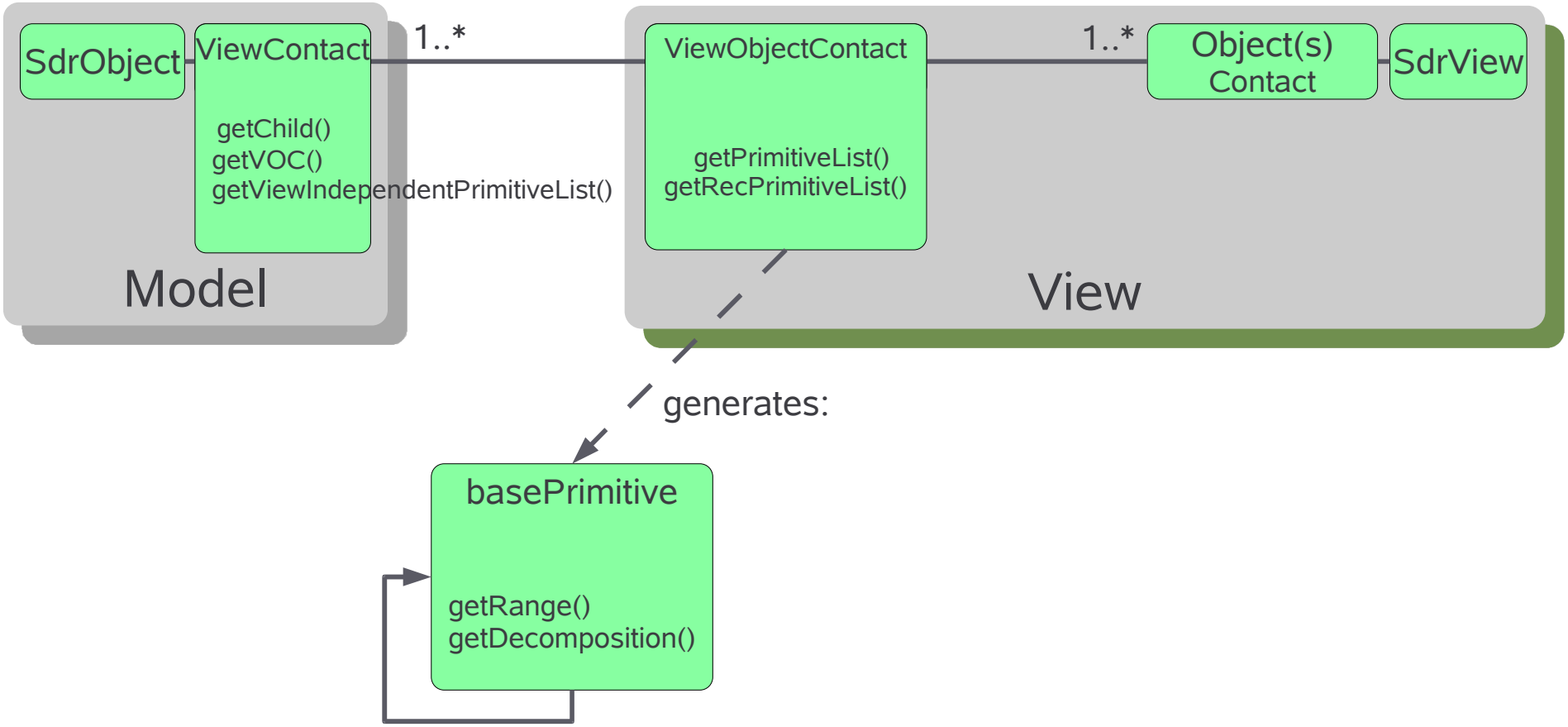
Dialog Layout: OOo Calc



How Re-Doing Dialogs Work



Drawing Core Rework



Drawing Core Classes