

## New Features and Bug Fixes in Schrödinger Suite 2011 Update I

### Maestro 9.2.112

- Improvements to quality of 3D graphics
- Improved performance of displaying and undisplaying atoms and surfaces
- Fixes in bond order assignment
- Fixed problem opening some panels on Japanese Windows XP

### Glide 5.7.111

- Improved job launching with a remote driver host (-DRIVERHOST)
- Fixed Glide constraints selection crash on Windows

### Phase 3.3.111

- New Field-Based QSAR application
  - Force fields, Gaussian fields, or any combination
  - Customizable hydrogen bond acceptor and donor fields
  - Visualization of iso-valued contours and field intensities

### Epik 2.2.111

- Improved accuracy in pK<sub>a</sub> predictions for dihydroisocytosines

### Jaguar 7.8.111

- Fixed pKa job crash on Windows

### PrimeX 1.8.111

- Fixed an atom-typing error in Ligand Placement

### Job Control and Infrastructure

- Fixed problem reading large, compressed Maestro (.mae) files on 32bit Linux-x86
- Improvements to performance in launching and monitoring of jobs
- More robust cleanup of job database directory

