

SBOL Visual Update



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- SBOL Visual 2.1 was released in November, 2018

- SBOL Visual 2.2 nearly ready for release:

- SEP V015: Change BioPAX to SBO

BioPAX insufficiently expressive, SBO already used for interactions

- SEP V016: SEP V016: Introns and Polypeptide Regions

Importing and refining conventions from UPV's GoldenBraid website

- SEP V017: Protein, Deprecated Macromolecule, and Alternative Small Molecules

Macromolecule kept making people think of yeast cells

- SBOL Visual 2 Ontology

The old 1.0 ontology was obsolete and needed replacing

Pending: update to include participation SBO roles

Pending: CI regression testing for ontology

- **Pending: Parametric SVG**



- Formal proposals:
 - SEP V018: Interactions with Interaction Nodes
 - SEP V019: Allow Complex to Include DNA Backbone
 - SEP V020: Add 2A Sequences to Protein Cleavage Site

- Open discussions:
 - Glyphs for type IIs / asymmetric endonuclease sites
 - Insulator is too biologically specific
 - Incorporation of protein language
 - Diagrams of variants and libraries
 - Functional RNA glyph language