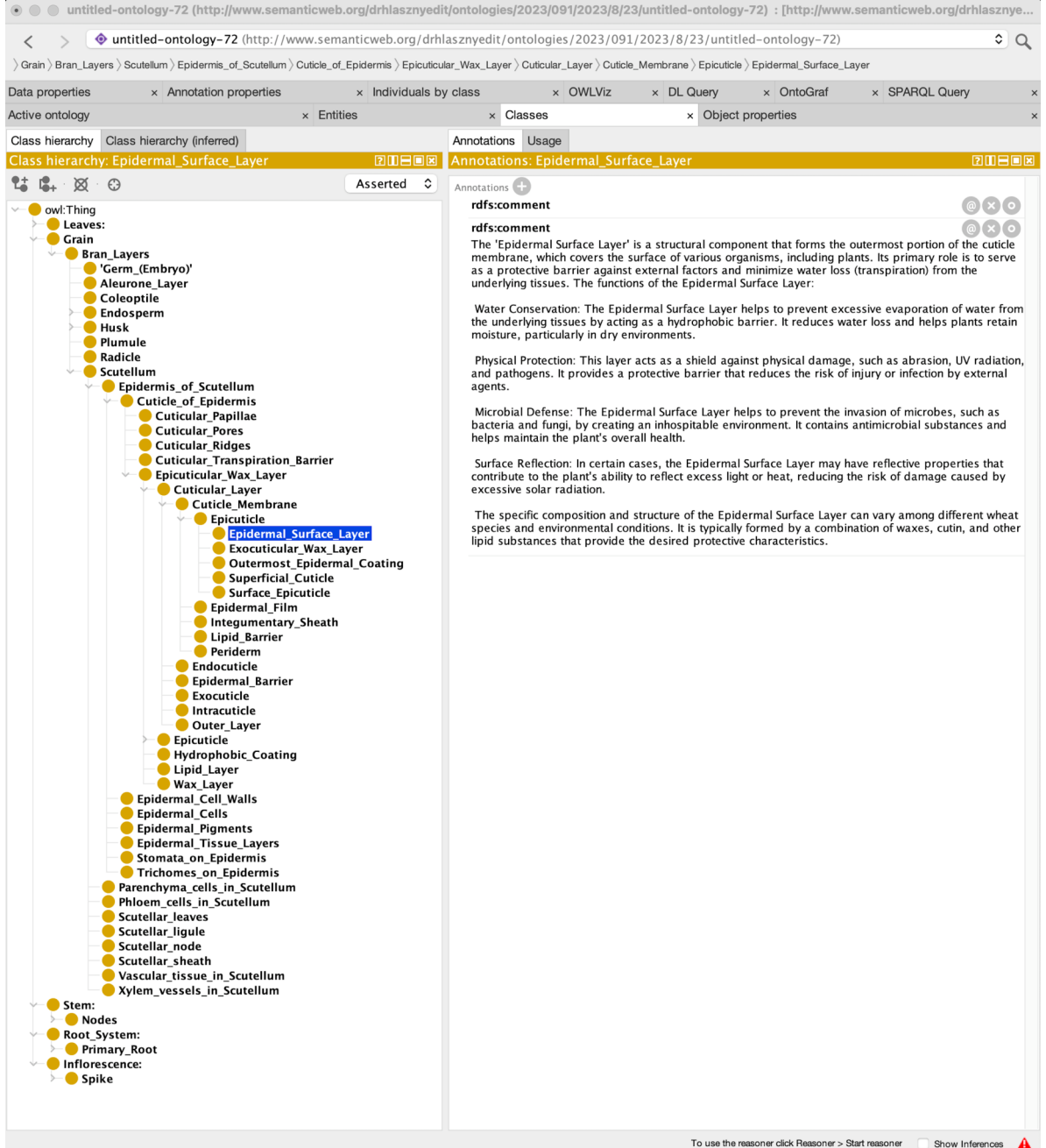


Wheat Ontology (WO) under construction – opened in Protégé



The screenshot shows the Protégé interface with the following components:

- Browser:** Shows the path: Grain > Bran_Layers > Scutellum > Epidermis_of_Scutellum > Cuticle_of_Epidermis > Epicuticular_Wax_Layer > Cuticular_Layer > Cuticle_Membrane > Epicuticle > Epidermal_Surface_Layer.
- Class Hierarchy:** A tree view on the left showing the ontology structure. The 'Epidermal_Surface_Layer' class is highlighted in blue. The hierarchy includes:
 - owl:Thing
 - Leaves:
 - Grain
 - Bran_Layers
 - 'Germ_(Embryo)'
 - Aleurone_Layer
 - Coleoptile
 - Endosperm
 - Husk
 - Plumule
 - Radicle
 - Scutellum
 - Epidermis_of_Scutellum
 - Cuticle_of_Epidermis
 - Cuticular_Papillae
 - Cuticular_Pores
 - Cuticular_Ridges
 - Cuticular_Transpiration_Barrier
 - Epicuticular_Wax_Layer
 - Cuticular_Layer
 - Cuticle_Membrane
 - Epidermal_Surface_Layer
 - Exocuticular_Wax_Layer
 - Outermost_Epidermal_Coating
 - Superficial_Cuticle
 - Surface_Epicuticle
 - Epidermal_Film
 - Integumentary_Sheath
 - Lipid_Barrier
 - Periderm
 - Endocuticle
 - Epidermal_Barrier
 - Exocuticle
 - Intracuticle
 - Outer_Layer
 - Epicuticle
 - Hydrophobic_Coating
 - Lipid_Layer
 - Wax_Layer
 - Epidermal_Cell_Walls
 - Epidermal_Cells
 - Epidermal_Pigments
 - Epidermal_Tissue_Layers
 - Stomata_on_Epidermis
 - Trichomes_on_Epidermis
 - Parenchyma_cells_in_Scutellum
 - Phloem_cells_in_Scutellum
 - Scutellar_leaves
 - Scutellar_ligule
 - Scutellar_node
 - Scutellar_sheath
 - Vascular_tissue_in_Scutellum
 - Xylem_vessels_in_Scutellum
- Stem:
 - Nodes
- Root_System:
 - Primary_Root
- Inflorescence:
 - Spike

- Annotations:** A panel on the right showing 'rdfs:comment' for the selected class. It contains three paragraphs of text describing the function and structure of the Epidermal Surface Layer.