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*Filters, Fragment Consistent Models, and Presheaves.* Preliminary report.

Proposition 1 There is a natural Grothendieck topology on the category  $Lw1, K$ .

Op Define a functor  $F : Lw1, K \implies Set$  to be the generic functor.

1. Define a functor  $V : D\langle A, G \rangle \implies Lw1, K$  by universal embedding from the diagram functions.

Theorem V Creates a limit for  $F$ .

From the above we note that there is a contravariant functors  $Op F : Lw1, K \implies Set$  to form a presheave.

Lemma The limiting cones that are the basis for small completeness for  $Lw1, K$  define example representable presheaves for the objects in  $Lw1, K$ .

Theorem The natural transformations on functors sending arbitrary objects to sets on fragment string sets, arrowed by preorder functions, with cones to base  $F$  from , on the above on  $Op$  the fucntor  $F, Lw1, K \implies Set$ , are filter creating representable presheaves for the objects in  $Lw1, K$ .

The obvious direction from here is what comma category realizes that above.

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