# Consequence Relations, Finitary Closure Operators and Scott's Information Systems

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Peter Aczel showed that there is a conection betweeen Scott Information Systems and Consequence Relations. This connections was done using closure systems. I defined and used Finitary Closure Operators (FCOs) to do Denotational Semantic and I showed that Scott's Domains and FCOs are equivalent structures. This paper shows the following facts:

1. Closure Systems are induced by Finitary Closure Operators (FCOs)
2. Scott's Information System and FCOs are equivalent structures.
3. Consequence Relations are Scott's Information System.

REFERENCES:

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