

# Libraries and Broadband: Becoming Radical Change Agents in Our Communities

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Slides & Screencast @ [www.DavidLankes.org](http://www.DavidLankes.org)



# An Invitation to The Future



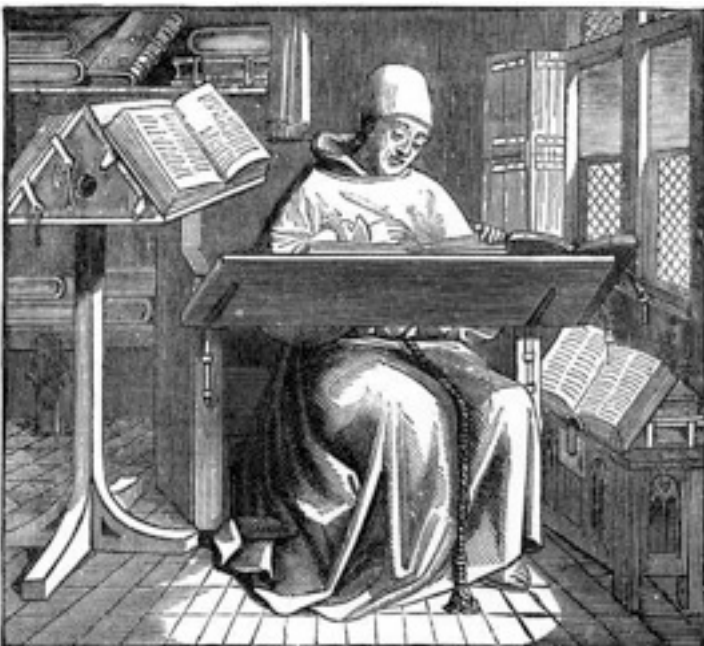




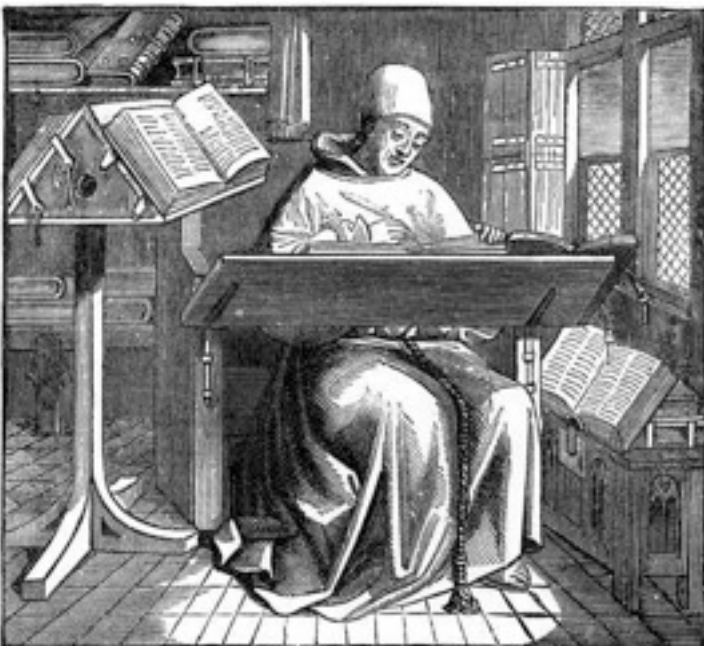
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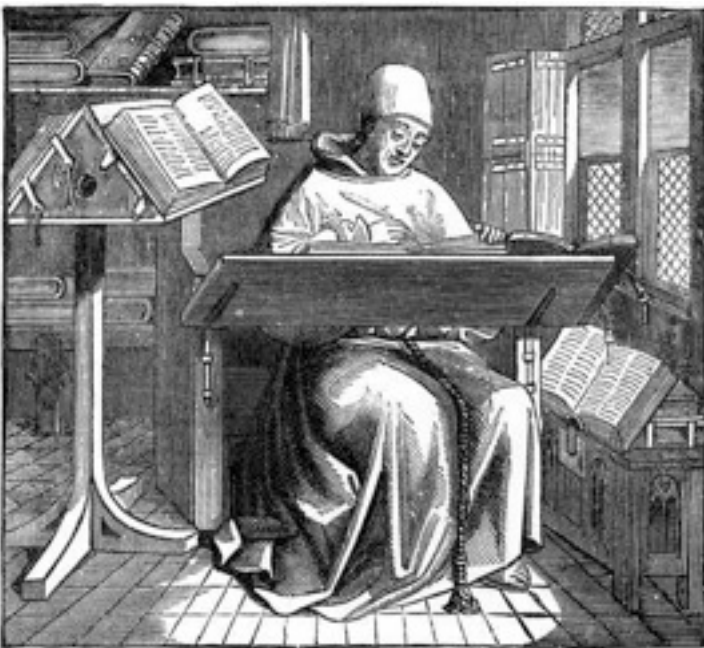
















## From Collection to Scholarship







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## From Dissemination to Action







From Collection to Scholarship



From Dissemination to Action




From Sharing to Social Good

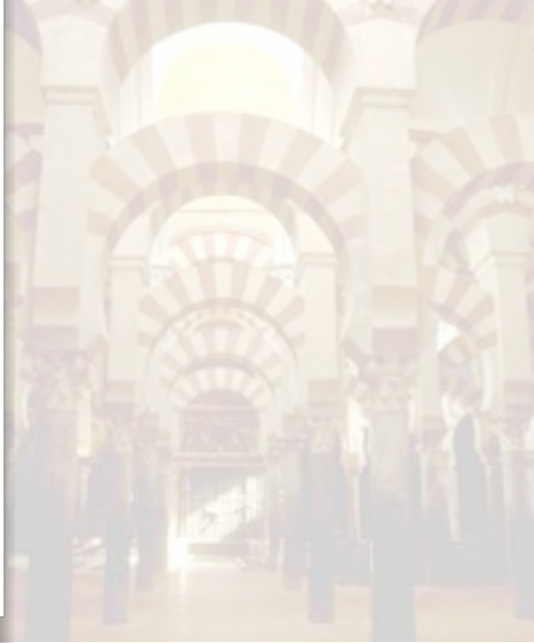




From Collection to Scholarship



# Knowledge as Thing versus Knowledge as Action



From Sharing to Social Good





# An Invitation to The Future



# INVENT An Invitation to~~A~~The Future



“The Best Way to  
Predict the Future is to  
Invent It”  
- Alan Kay



# Today

- Education
- Unquiet Library
- Joyce Valenza



# Today

- Government
- Department of Justice
- Illinois State Library





- Govern
- De
- Illin





# Today

- Economic development
- Entrepreneurium
- I Adapt (Rural Illinois)



# Today

- Economic development
- Entrepreneurium
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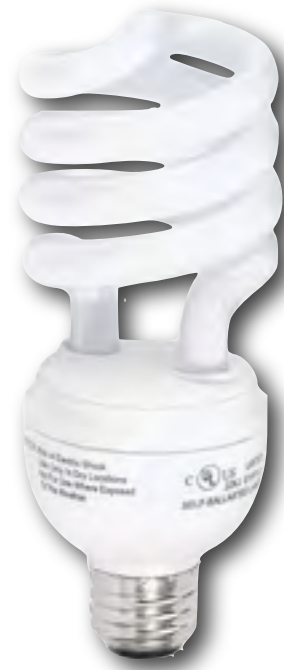




# Innovation

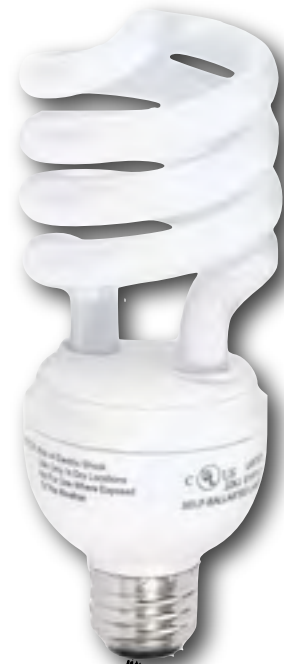


# Innovation

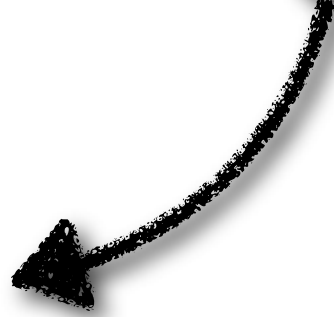




# Innovation



# Entrepreneurship

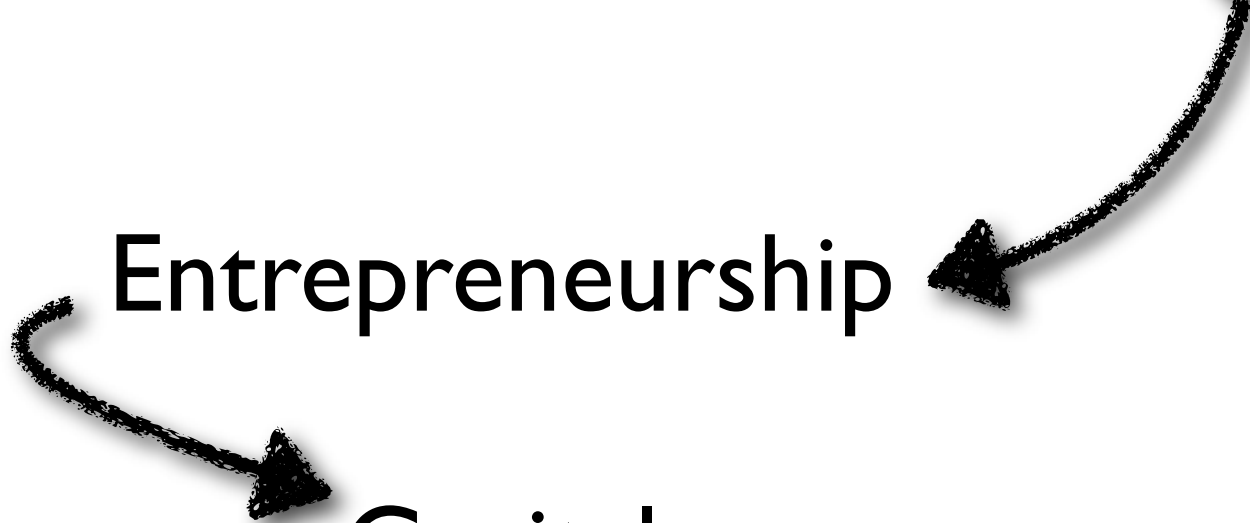


Innovation



Entrepreneurship

Capital





Innovation



Entrepreneurship

Capital

Risk

Innovation

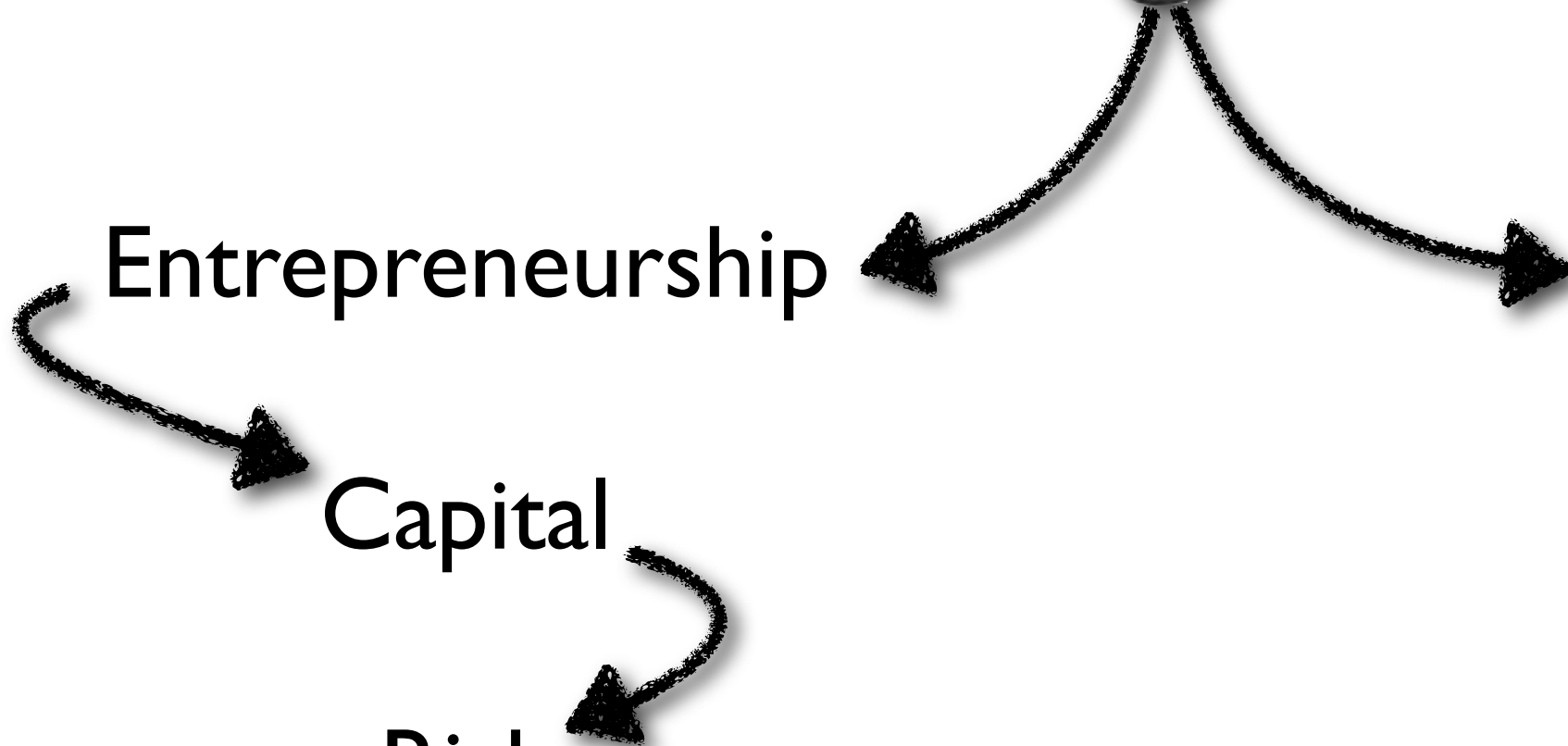


Entrepreneurship

Networks

Capital

Risk





Innovation



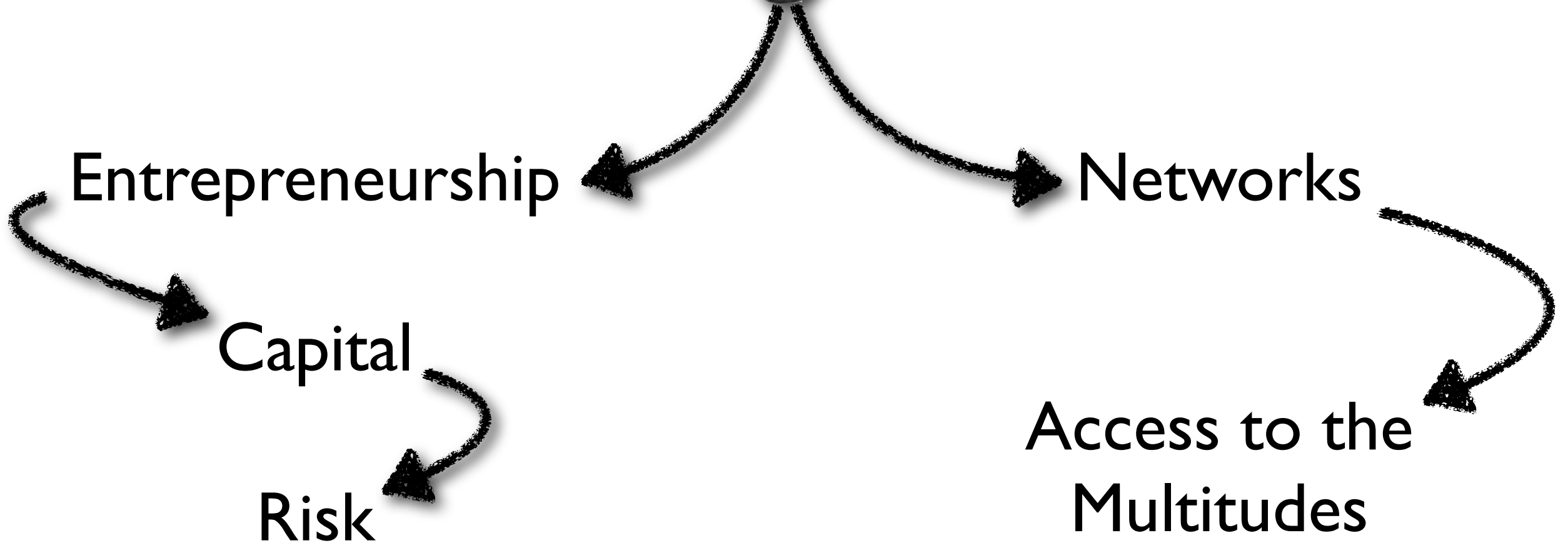
Entrepreneurship

Networks

Capital

Risk

Access to the  
Multitudes



Innovation



Entrepreneurship

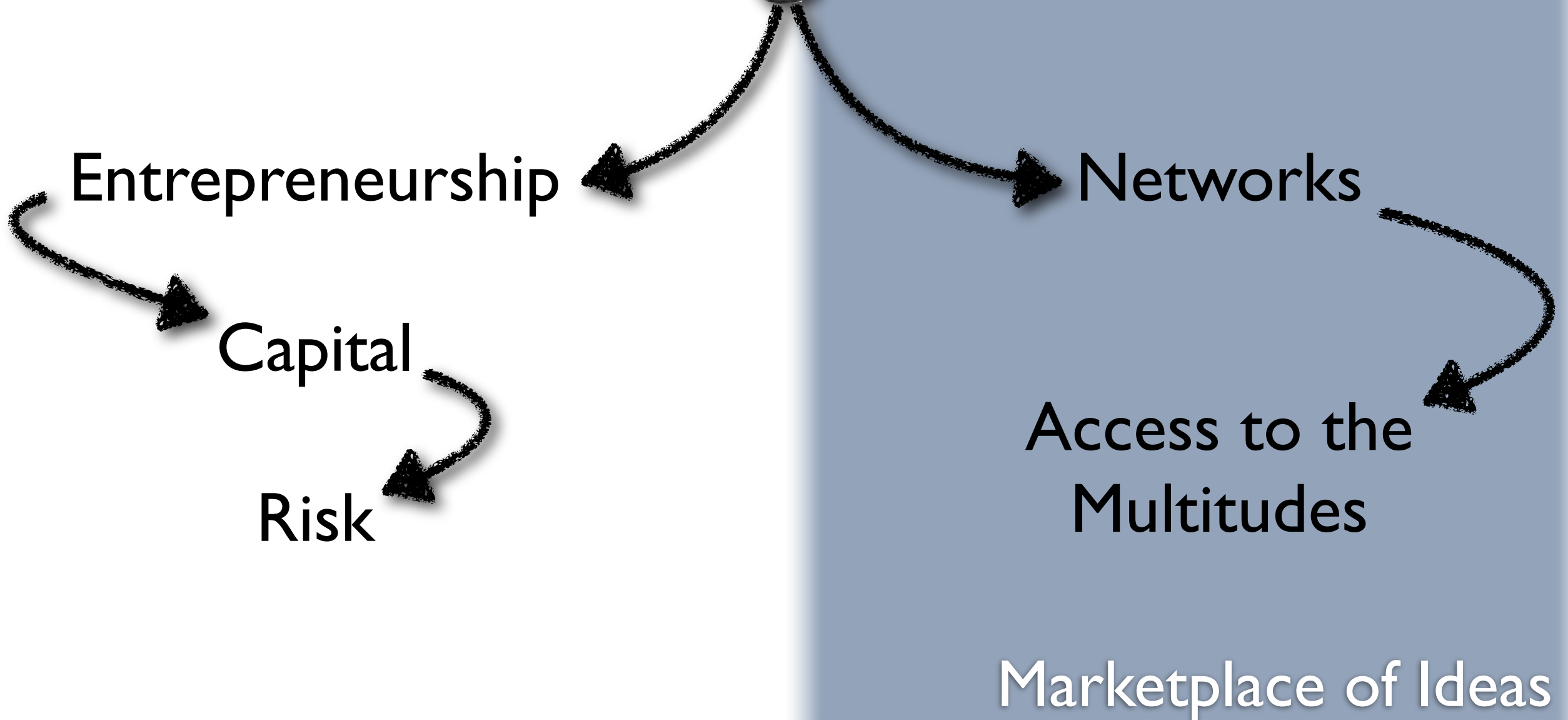
Networks

Capital

Risk

Access to the  
Multitudes

Marketplace of Ideas



# Cutting Edge

- eScience
- Transportation









# Gigabyte per Mile

- Soon Every Mile of Road will Generate a Gigabyte of data a day
- Road Sensors, Real-Time Traffic Data, Weather Information, Toll Data, Car Black Boxes
- It is assumed that this will become a gigabyte an hour. As there are 3.5 million miles of highways in the U.S. that would be 3.3 petabytes of data per hour, or 28 exabytes per year.



# Exabyte?!



Byte	1 byte: a single character;
Kilobyte	2 Kilobytes: A typewritten page;
Megabyte	2 Megabytes: A high resolution photograph;
Gigabyte	2 Gigabytes: 20 meters of shelved books
Terabyte	2 Terabytes: An academic research library
Petabyte	2 Petabytes: All US academic research libraries;
Exabyte	5 Exabytes: All words ever spoken by humans.
Zettabyte	
Yottabyte	



The mission of librarians is to improve society through facilitating knowledge creation in their communities



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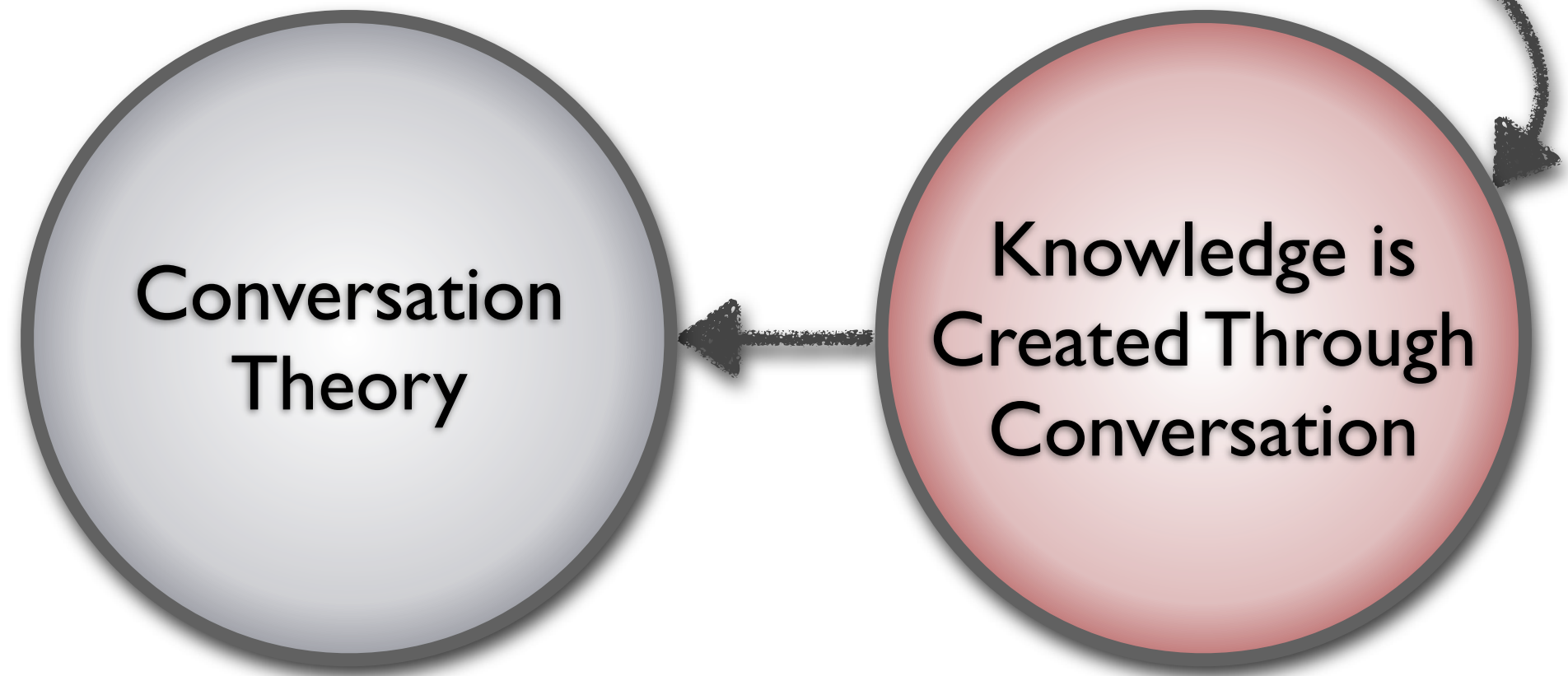


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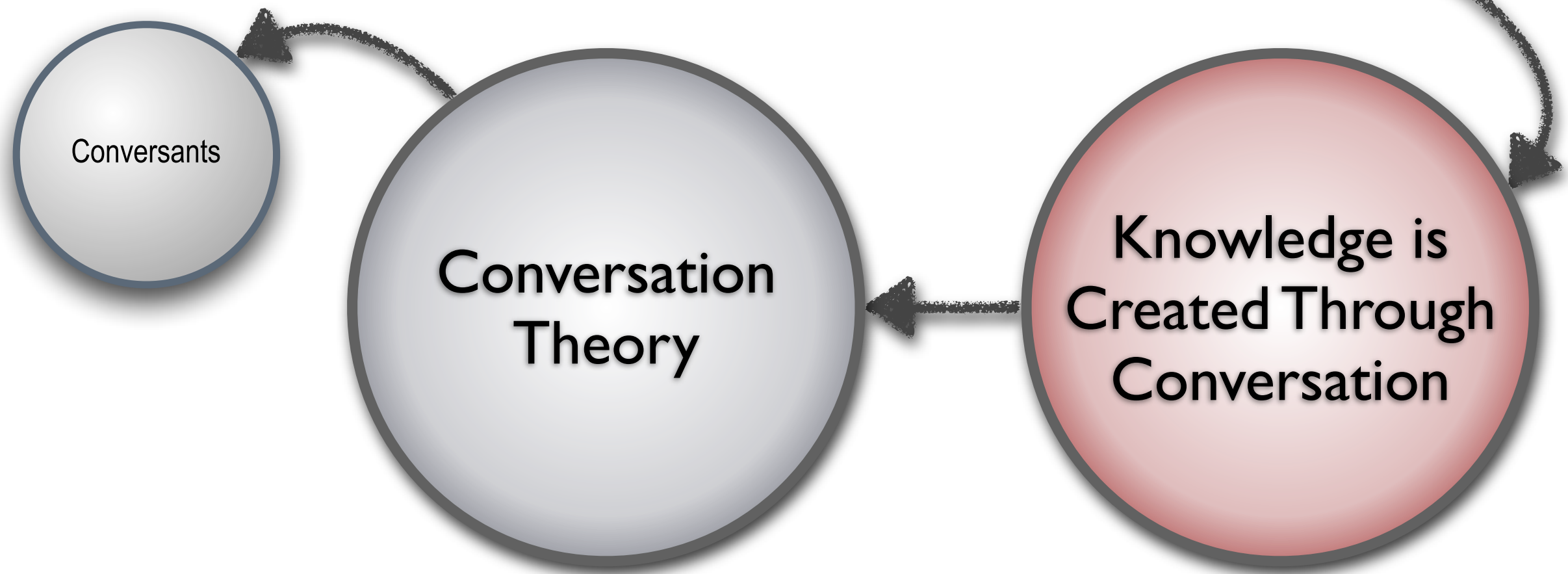


Knowledge is  
Created Through  
Conversation

The mission of librarians is to improve society through facilitating knowledge creation in their communities

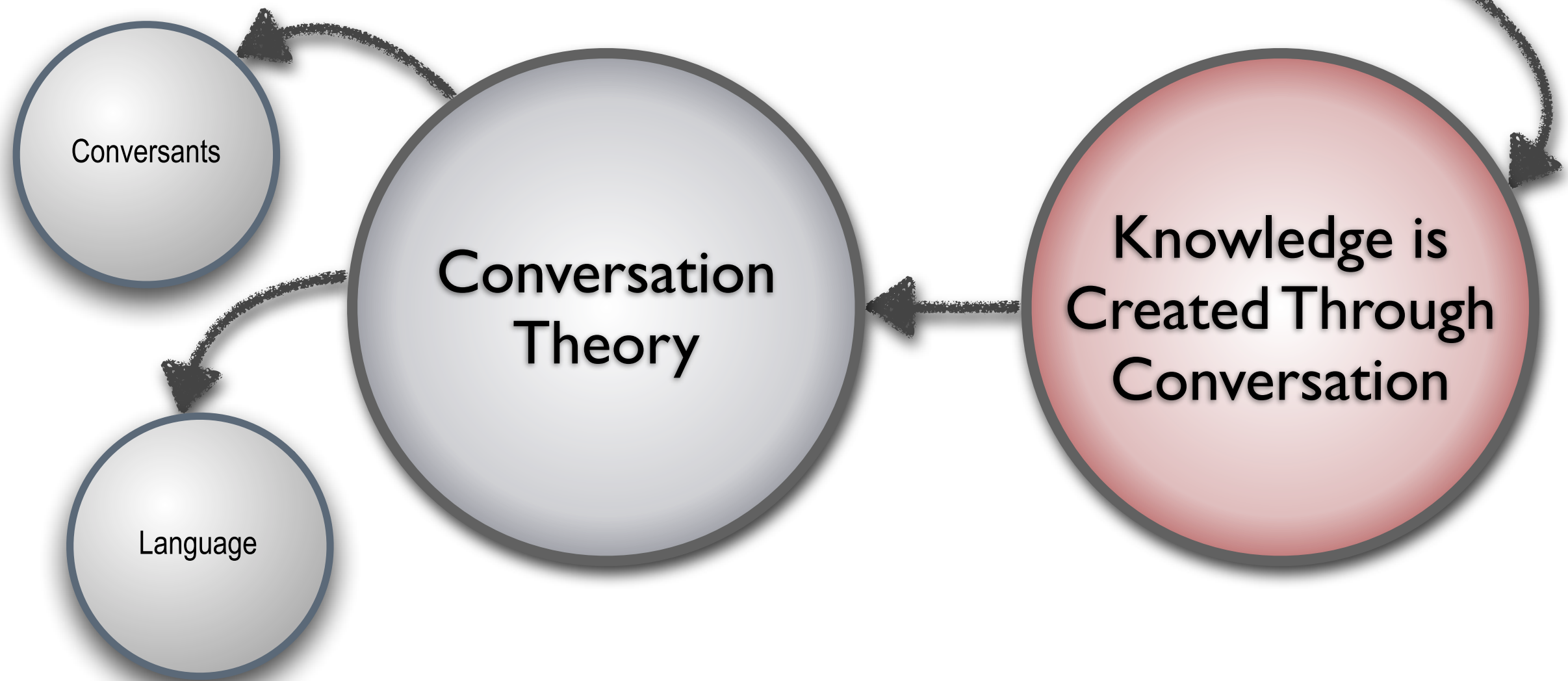


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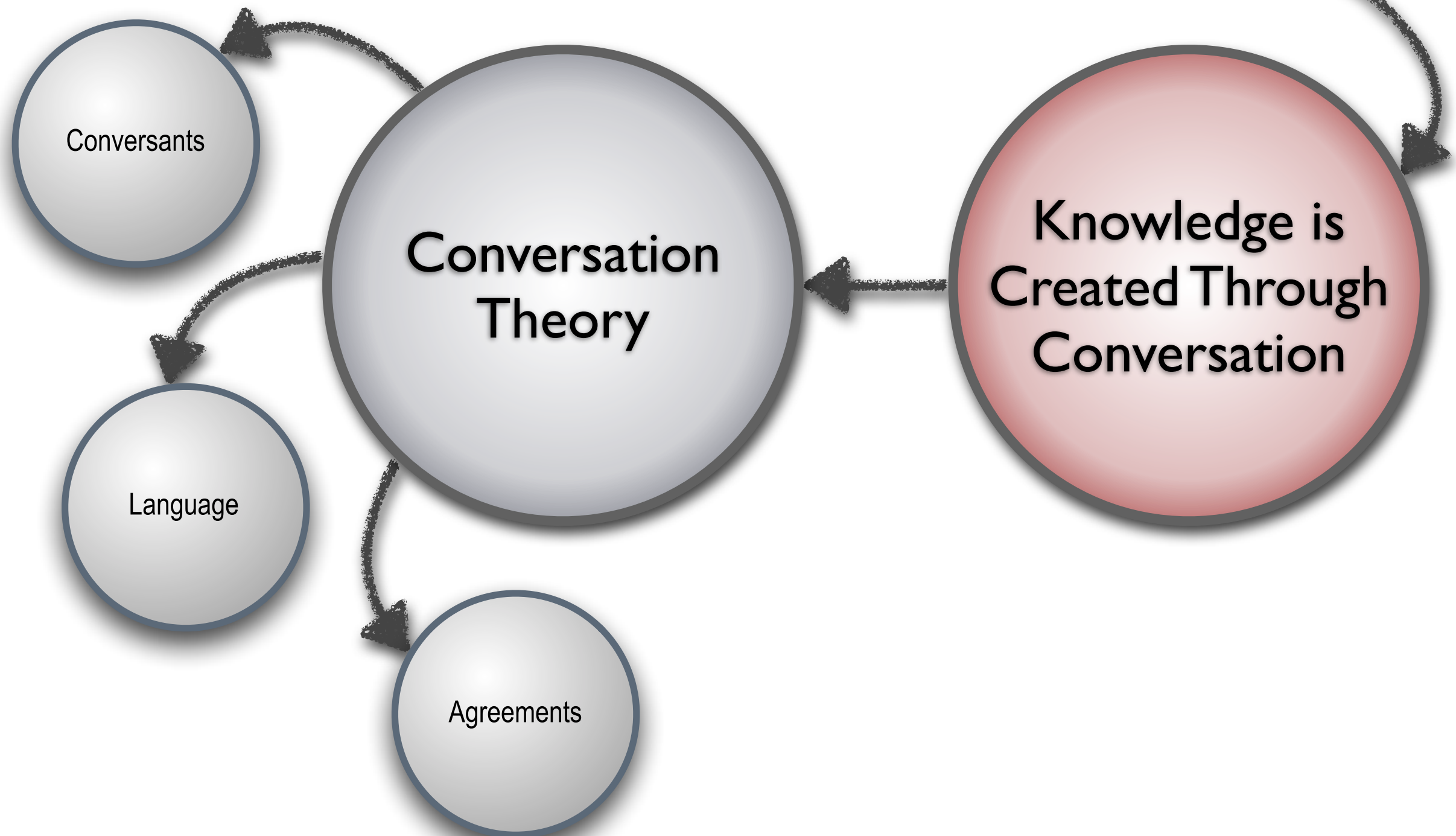




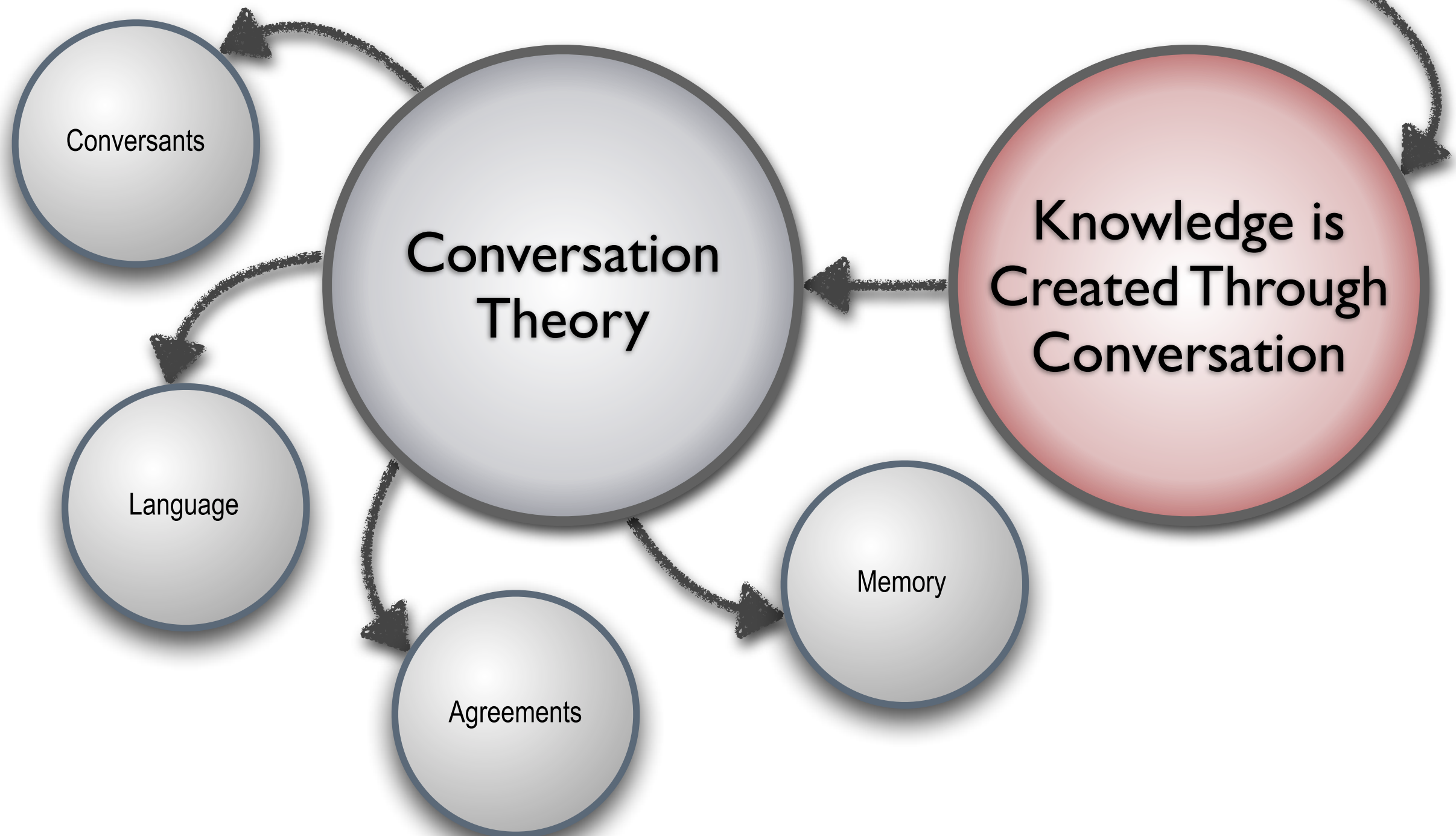
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# Implications

- Co-Ownership
  - Of the People, Not For the People
- Libraries as Place of Production
- Librarians Unbound from the Library
  - Go To the Conversation
- Its All About Learning
  - Its All About Innovation and Change







SIR ISAAC NEWTON

Painted by  
Sir Godfrey Kneller.

1702





© T.A.E. INC.

Sir Geoffrey Maister  
1702







# New Tools, Same Mission

- Buildings, Books, Broadband are Tools of Librarians - Means To an End
- End: Improved Society, By Improving State, By Improving the Community, By Improving the Individuals, By Improving Ourselves



“Biblioburro”







