

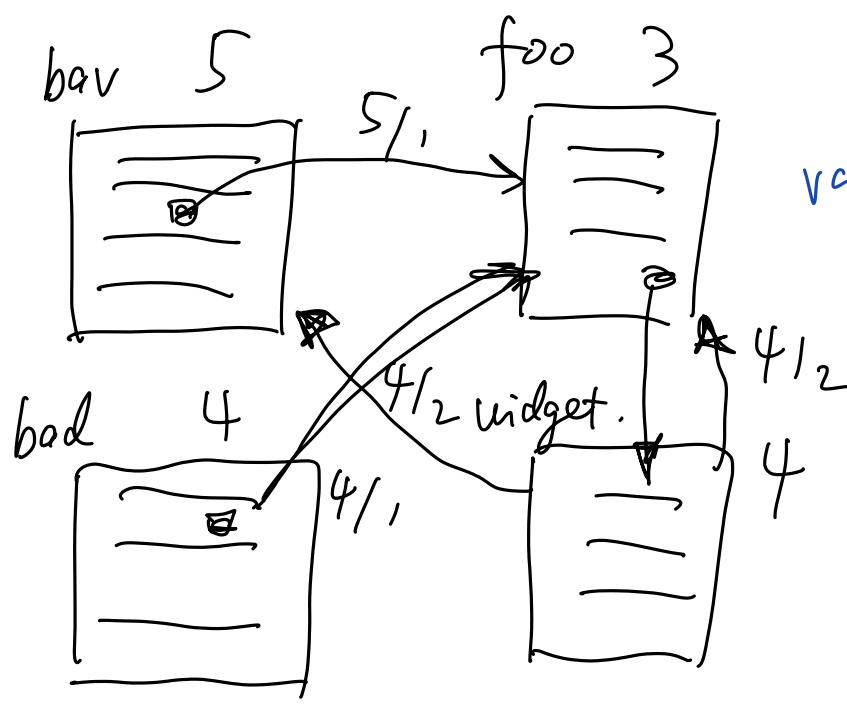
links. RDD [(URL, Seq[URL])] RANKS: RDD [(URL, RANK)]

src	dest
bar	foo
bad	foo
foo	widget
widget	bar, foo



bar	5
bad	4
foo	3
widget	4

RDD [(URL, (Seq[URL], RANK))]															
Σ															
<table border="1"> <thead> <tr> <th>src</th> <th>dest</th> <th>rank</th> </tr> </thead> <tbody> <tr> <td>bar</td> <td>foo</td> <td>5</td> </tr> <tr> <td>bad</td> <td>foo</td> <td>4</td> </tr> <tr> <td>foo</td> <td>widget</td> <td>3</td> </tr> <tr> <td>widget</td> <td>bar, foo</td> <td>4</td> </tr> </tbody> </table>	src	dest	rank	bar	foo	5	bad	foo	4	foo	widget	3	widget	bar, foo	4
src	dest	rank													
bar	foo	5													
bad	foo	4													
foo	widget	3													
widget	bar, foo	4													



$$\text{rank} = \frac{\text{rank}}{\text{size src}}$$

foo	5/1
foo	4/1
widget	3/1
bar	4/2
foo	4/2

RANKS.

foo	5 + 4 + 4/2	= 11
widget	3	
bar	2	
bad	0	

reduceByKey