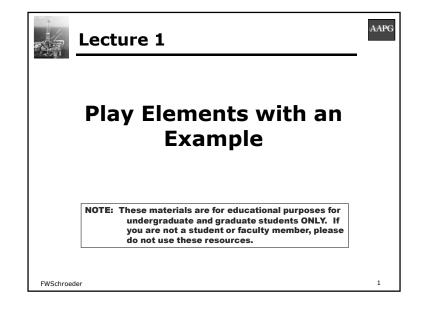
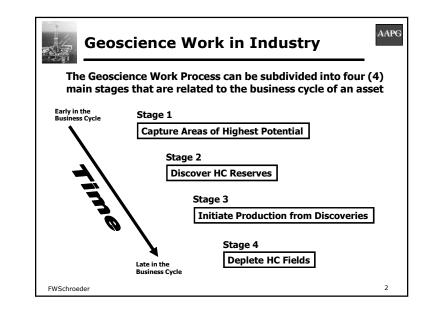


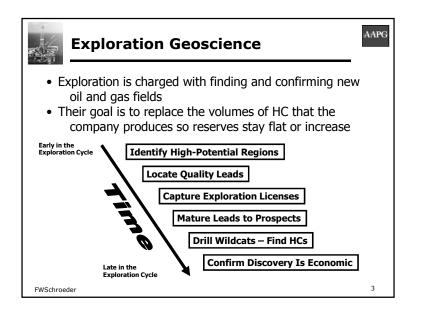
- Don't force your data set and objectives into <u>my example</u>
- You want to use **creativity** in all that you do
- Do NOT expect to mimic Fred's example and win a prize!

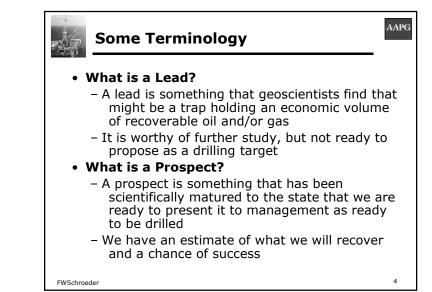
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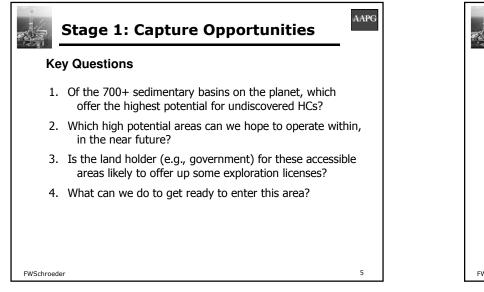
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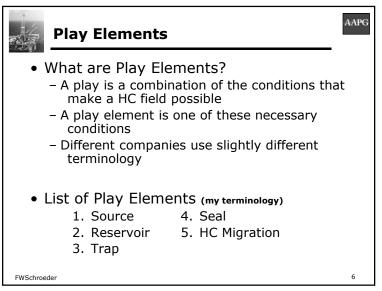


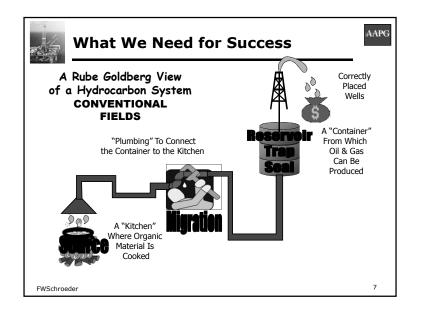


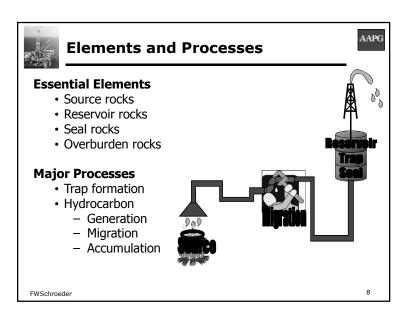


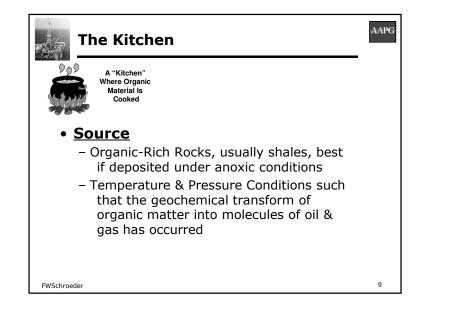


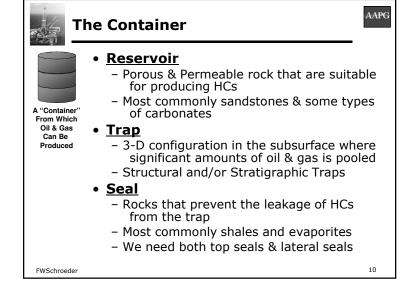


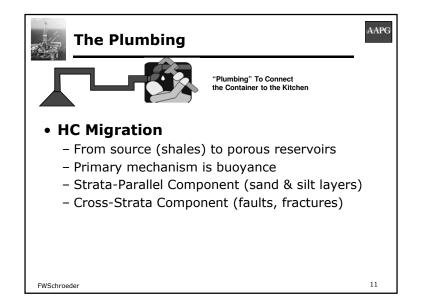


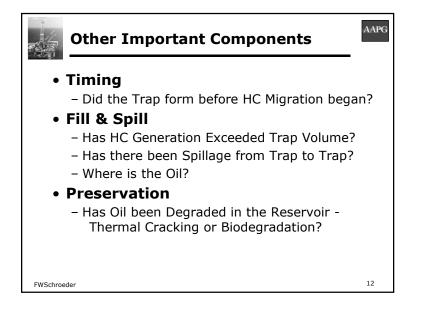


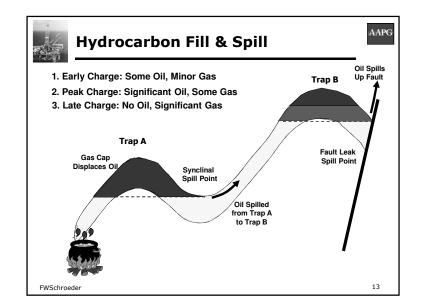


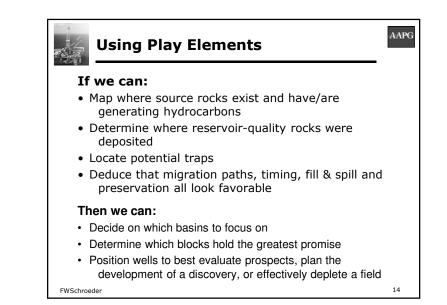


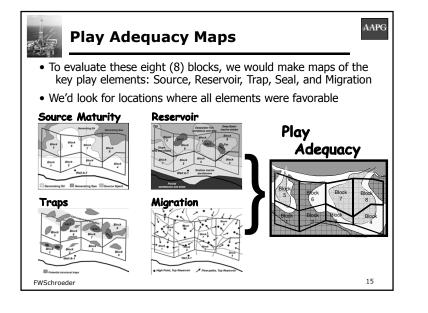


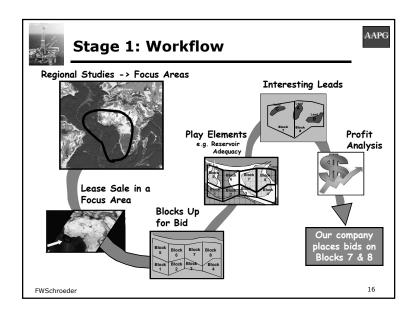








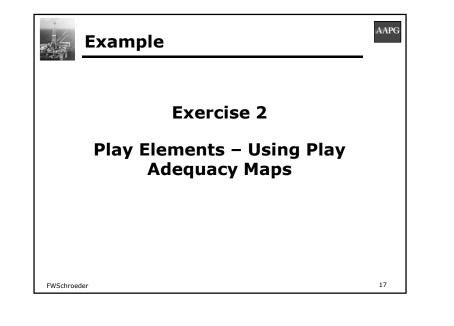


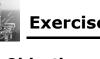


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Exercise 2

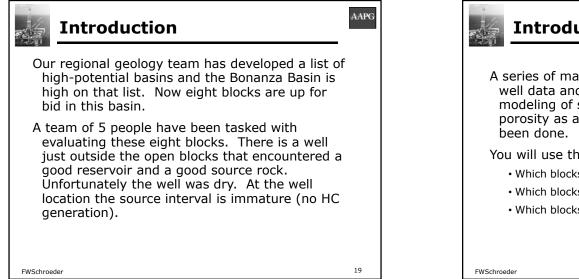
Objective

Use a series of seismic interpretation maps to evaluate the HC potential of eight blocks that are open to bidding.

Final Product

- 1. List of blocks to drop from further analysis.
- 2. List of blocks to do more work on.

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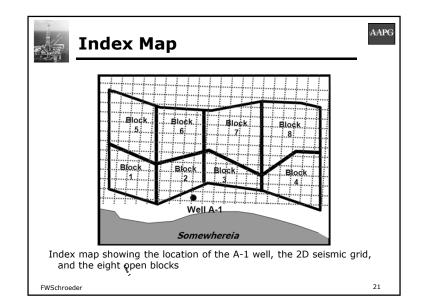


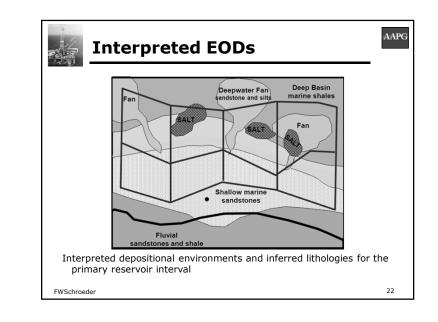
A series of maps have been generated based on the well data and a grid of 2D seismic data. Some modeling of source maturation and reservoir porosity as a function of burial depth has also

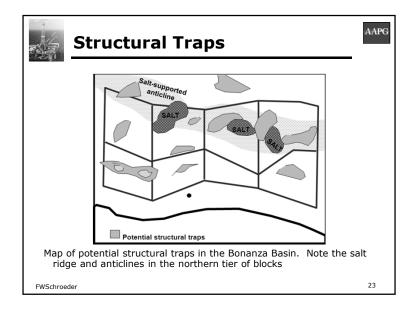
You will use these maps to decide:

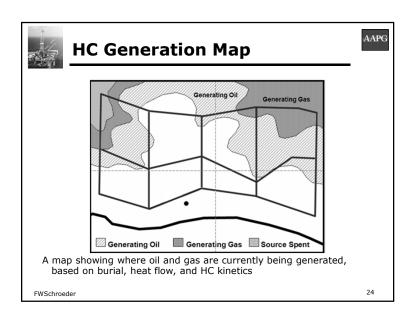
- Which blocks merit further work leading to a bid Good
- Which blocks show little HC potential Bad
- Which blocks are in between Possible

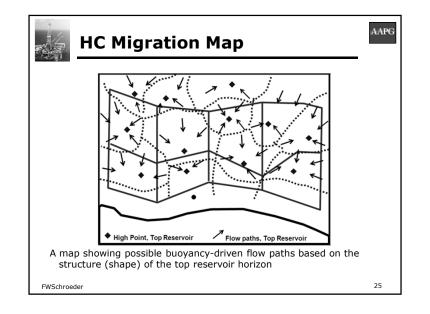
20



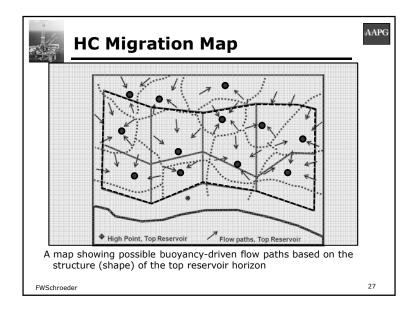


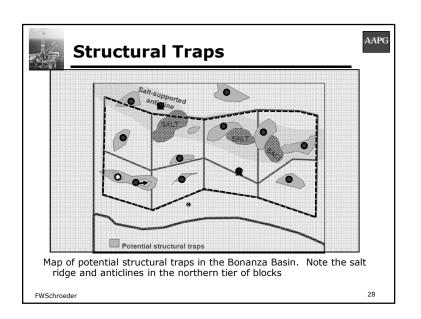


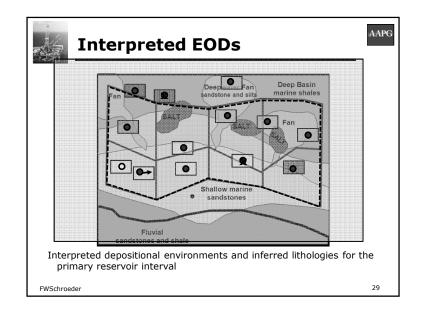


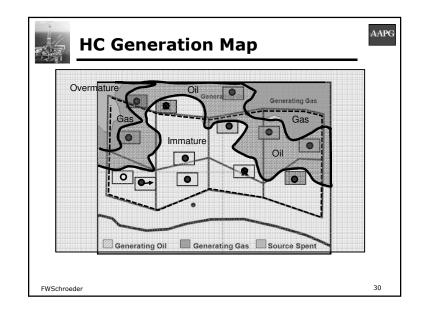


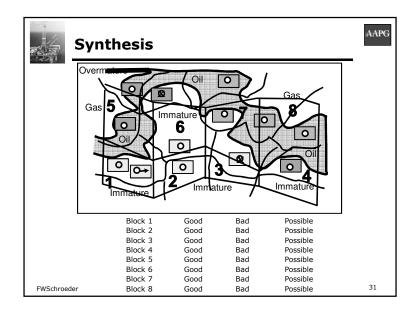
•	ıd," or ["] P	ossible.	gorize each block into "You can circle the	
Block 1	Good	Bad	Possible	
Block 2	Good	Bad	Possible	
Block 3	Good	Bad	Possible	
Block 4	Good	Bad	Possible	
Block 5	Good	Bad	Possible	
Block 6	Good	Bad	Possible	
Block 7	Good	Bad	Possible	
Block 8	Good	Bad	Possible	

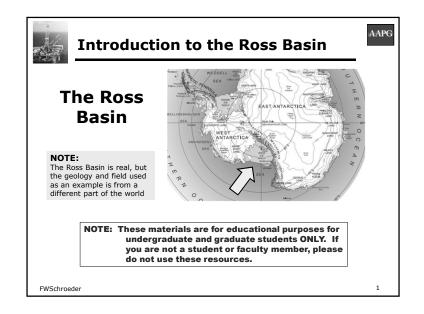


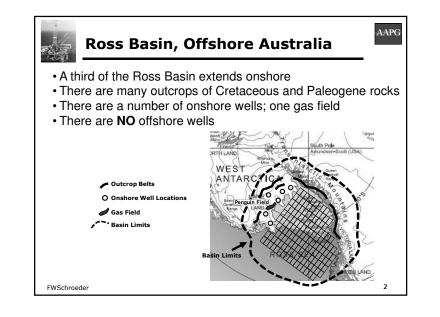


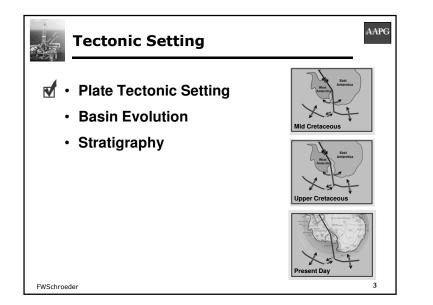


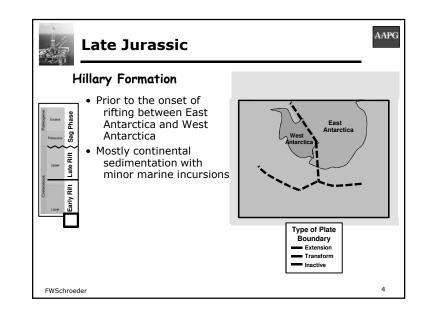


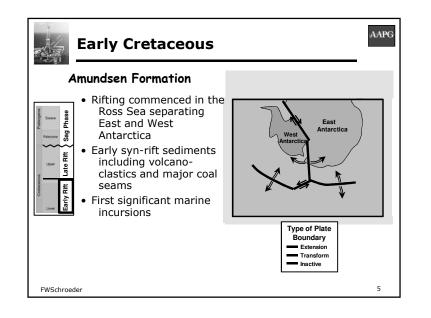


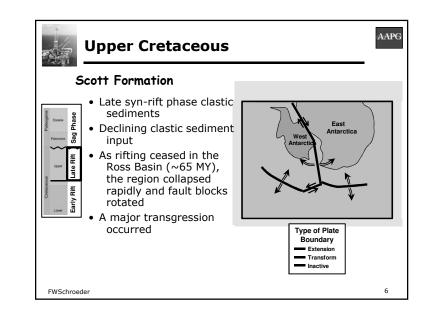


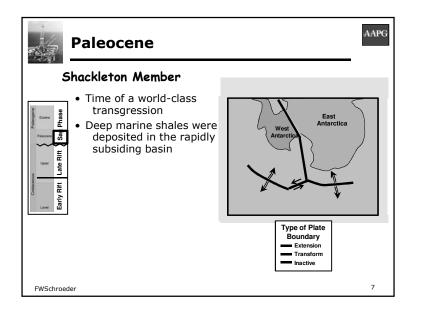


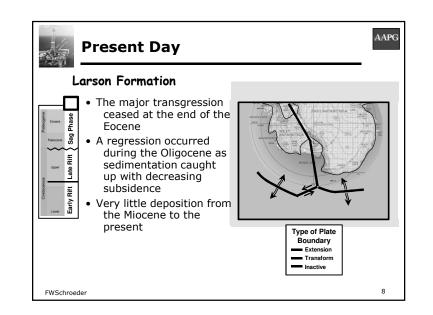


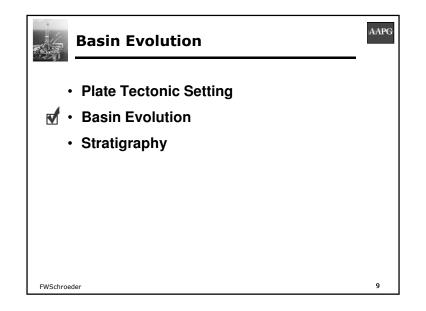


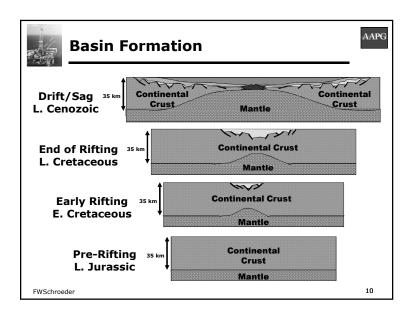


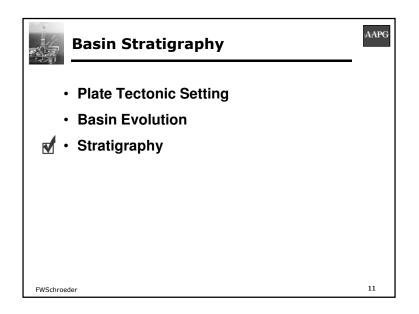


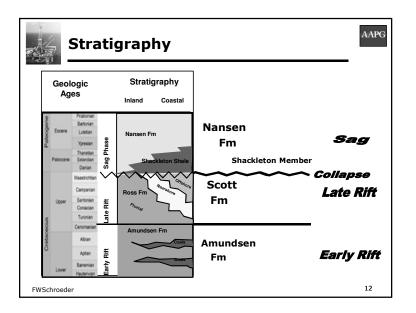


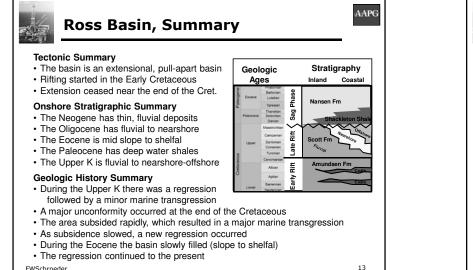




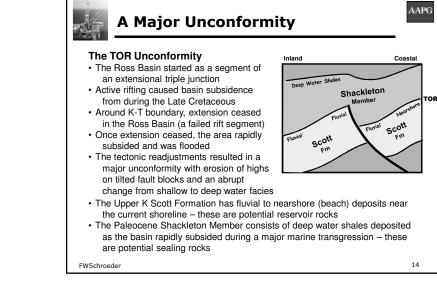


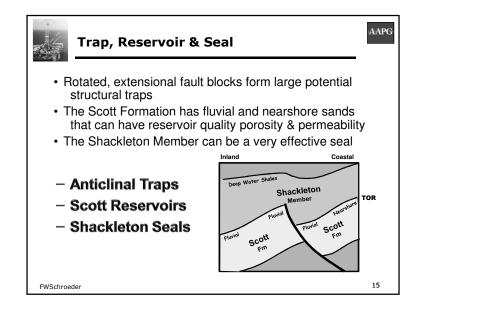






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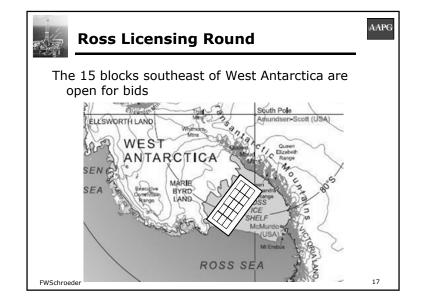


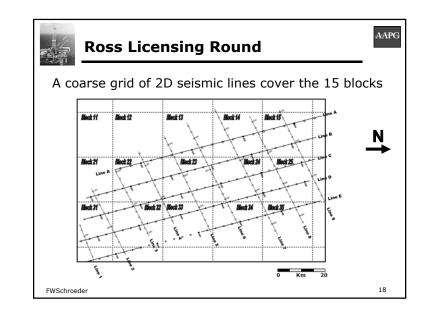
- The government of Antarctica is offering up 15 offshore blocks in the Ross Basin
- Your company assigned a team of five (5) geoscientists to evaluate the 15 blocks
- The team has compiled data from onshore wells and outcrops and deduced a regional geologic story
- The team will attempt to generate a series of play element maps and identify interesting leads
- For key leads, the team will make some rough estimates of potential HC volumes and risks
- These analyses will lead to a bidding strategy

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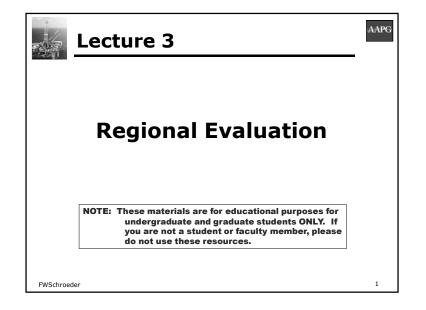
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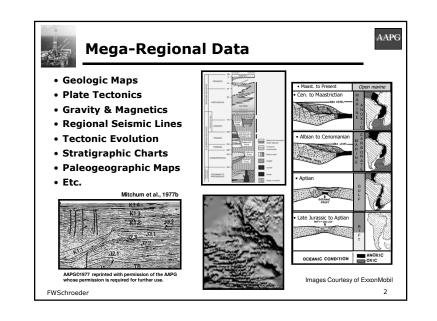


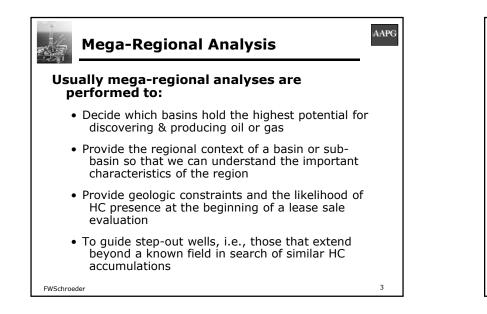


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- Are there any known HC occurrences in or near the study area?
- What is the availability of outcrop, well, and geophysical data?
- What is the plate tectonic history, including the timing and intensity of structural events?
- What does the local stratigraphic chart look like?
- Do we have possible mature source rocks?
- Are there reservoir quality clastics or carbonates?
- How likely are regional seals?
- What is the weakest play element for this area?

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