Block Cipher Modes

Goals: "Use a long-term key to encrypt arbitrarily many messages, each of arbitrary length."

ECB Mode

CTR Mode

CFB: Cipher Feedback (for $F_k$ a PRP)

IV $\rightarrow$ $m_1$ $\rightarrow$ $m_2$ $\rightarrow$ $m_3$ $\rightarrow$ $\cdots$ 
Can you use this
the message
suffix of ciphertext

C_i C_{i+1} C_{i+2} ...

OFB

Parallel encrypt?
Parallel decrypt?
Self Synchronizing?