











Some systems	really need quite accurate absolute times.	
How to achieve h Which physical e	nigh accuracy? ntity may deliver precise timing?	
1. The sun	Today: 1 sec ~ 1 day / 86400 but rotation of earth is slowing down	
2. An Atom	State transitions in atoms (defined by BIH in Paris) 1 sec = time a cesium atom needs for 9 192631 770 state transitions [*]	



















