In this talk we consider the following question: given a planar graph $G$ and a subgraph $H$ of $G$ that has been (properly) edge-coloured, when can we extend this to an edge-colouring of $G$? If we hope to get a $(\Delta(G) + t)$-edge-colouring of $G$, then we certainly need to know that no more than $\Delta(G) + t$ colours were used on $E(H)$. In addition to this, if we don’t have $t \geq \Delta(H)$, there are example where extension is not guaranteed. However, given these two assumptions, we show that we can always extend the edge-colouring on $H$ to a $(\Delta(G) + t)$-edge-colouring of $G$, provided $\Delta(G)$ is large enough (eg. at least $16 + \Delta(H)$). (Received July 24, 2017)