Some properties of precovers and covers

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At the beginning of this note the $\mathcal{G}$-covers, $\mathcal{G}$ being a hereditary class of modules, are characterized as that for which the homomorphisms into $\mathcal{G}$-precovers are injective as well as that for which the homomorphisms from $\mathcal{G}$-precovers are surjective. The next part studies the (pre)covers of (relatively) injective modules and some relations between the (relative) injectivity of modules and their (pre)covers.