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Defining metric to help environmental friendly use of mobile phones

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Abstract

Nowadays the world is advancing toward such a direction, where the environmental impact is increasing, which can have long-term negative consequences for us and for the planet, when we can not solve this problem in a timely manner, sufficiently and efficient way. In order to reduce the pollution rate, we, IT equipment users can do many things to minimize the energy consumption. Suffice it to think of that, we should use our mobile devices more environmental friendly, which in this case means the purpose of achieving to consume less power.

Our goal is to develop a metric to calculate to what extent a mobile phone damages the environment regarding to the relevant user's habits. To achieve this, we examined the most popular mobile platforms so the metric is platform independent. A practical application based on the metric will be implemented for every popular mobile platform.

Keywords: environment, global, metric, mobile, IT, green, energy efficient

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