We prove that if a directed multigraph $D$ has at most $t$ pairwise arc-disjoint directed triangles, then there exists a set of less than $2t$ arcs in $D$ which meets all directed triangles in $D$, except in the trivial case $t = 0$. This answers affirmatively a question of Tuza from 1990. (Received July 02, 2019)