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<!-- Amir SHIRALI POUR and Hassina BOUFATIS -->

<!Doctype tweet[

<!ELEMENT tweet(tweet+)>
<!ATTLIST tweet idtweet ID #REQUIRED>
<!ELEMENT tweet (message*, date, author, user*, url)>
<!ELEMENT message(text, hashtag*, usernameReference, font)>
<!ATTLIST message language #REQUIRED>
<!ELEMENT message (retweet |reply)>
<!ELEMENT retweet>
<!ATTLIST reply authorization (yes|no) 'yes'>
<!ELEMENT reply (#PCDATA)>
<!ELEMENT message text (#PCDATA)>
<!ELEMENT message hashtag (#CDATA)>
<!ELEMENT message usernameReference (#CDATA)>
<!ELEMENT font (size, type, color)>
<!ATTLIST font size (#CDATA)>
<!ATTLIST font type (#CDATA)>
<!ATTLIST font color>
<!ELEMENT message retweet (#PCDATA)>
<!ELEMENT date(seconds,timezone)>
<!ATTLIST date seconds>
<!ATTLIST date timezone>
<!ELEMENT author(geoCoordinates?, city?, country?, OSDescription?,
name, profileLink)>
<!ATTLIST author idName ID #REQUIRED>
<!ELEMENT author geoCoordinates (#PCDATA)>
<!ELEMENT author city (#PCDATA)>
<!ELEMENT author country (#PCDATA)>
<!ELEMENT author OSDescription (#PCDATA)>
<!ELEMENT author name (#PCDATA)>
<!ELEMENT author profileLink (#PCDATA)>
<!ATTLIST user IDREF #REQUIRED>
<!ELEMENT user (profileDiscription, photo, follower, following)>
<!ELEMENT user profileDiscription (#PCDATA)>
<!ELEMENT user photo>
<!ELEMENT user follower (#PCDATA)>
<!ELEMENT user following (#PCDATA)>
<!ELEMENT image (url)>
<!ELEMENT video (url)>
<!ATTLIST image url (#CDATA)>
<!ATTLIST video url (#CDATA)>

]>

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