second segment, and if N is greater than 0 and the RAP picture associated with the SAP of the target representation as Sync Sample is indicated, a first variable is set to indicate handling one Clean Random Access picture as one Broken Link Access picture and the first variable then is used to set a second variable to indicate decoding process for generating unavailable reference pictures corresponding to said handling one Clean Random Access picture as one Broken Link Access picture is invoked.

19. A client device for switching representations, the client device comprising:

an interface arranged to establish a communication connection with a server; and

one or more electronic circuits or processors configured to:

receive media presentation description for video stream content, wherein the media presentation description corresponds to Adaptation Sets and Representations including an original representation and a target representation;

receive the original representation, wherein the original representation comprises multiple first segments having first GOP (group of picture) structure;

receive the target representation, wherein the target representation comprises multiple second segments having second GOP structure;

determine leading-picture information from the media presentation description, wherein the leading-picture information is associated with a number of zero or more leading pictures in each second segment, and each leading picture corresponds to one picture preceding a RAP (Random Access Point) picture of each second segment in an output order and being coded depending on the RAP picture of each second segment and possibly one other picture in a previous second segment; and

present a switched presentation from the original representation to the target representation by switching presentation from pictures in the original representation to pictures in the target representation at a stream access point (SAP) corresponding to the RAP picture of each second segment determined according to the leading-picture information.