

RMF_Tools

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generate_si_cache

RDK SI Cache Converter is a tool to convert the the given SI Cache file from binary to XML format or vice versa based on the specified mode. This tool helps to enhance the existing channel map to support the development activities at locations where Comcast head-end connectivity is not available. This tool uses Libxml2 XML toolkit (<http://xmlsoft.org/>) for all XML related operations.

Operation modes:

- xtob - Generate SI Cache binaries from the given XML file
- btob - Generate SI Cache XML file from the given binary file
- dump - Dump channel map from the given binary file to console
- input: Input file. It can be an XML file or a binary SI Cache file depending on the operation mode
- output: Output file. It can be a binary SI Cache file or an XML file depending on the operation mode
- sioutput: Binary SI Cache file to be generated. To use this option, the mode should be set to 'xtob'
- snsoutput: Binary SNS Cache file to be generated. To use this option, the mode should be set to 'xtob'
- version: Prints the tool's version details
- help: Prints this user's manual

Examples:

Command to generate binary SI cache from given XML file:
`./generate_si_cache -mode xtob -input si.xml -output SICache`

Command to generate both binary SI cache and binary SNS cache from given XML file"
`./generate_si_cache -mode xtob -input si.xml -sioutput SICache -snsoutput SNSCache`

Command to generate XML file from binary SI cache
`./generate_si_cache -mode btob -input SICache -output si.xml`

Command to dump channel map from binary SI cache to console
`./generate_si_cache -mode dump -input SICache`

tenableHDCP

A utility for enabling and disabling HDCP (High-bandwidth Digital Content Protection).

API Specification

RMF_Tools API specification is available in the Doxygen page: [RMF_Tools Streamer API Specifications](#)