

Changes of the Reference Tool SDK package are as follows.

- Release 100.002 Changes

Changes in Release 100.002

PSGL

- With `psglExit()`, crashes occurred in some cases. This problem has been fixed.
- When an array with an initial value was defined within the vertex shader, the correct value was not set for that array. This problem has been fixed.
- When `CG_CURRENT` was specified for the argument `value_type` of `cgGetParameterValues()`, it was not possible to get the parameter value correctly. This problem has been fixed.

NP Basic Utility

- The upper limit of the size of the attached data was 4KB, instead of 32KB. This problem has been fixed.

NP Score Ranking Utility

- With the following functions, when the score information that includes the user score (with which 17-byte or more `SceNpOnlineName` is set) was obtained, `SCE_NP_COMMUNITY_ERROR_BAD_RESPONSE` was returned. This problem has been fixed.
 - `sceNpScoreGetRankingByNpId()`
 - `sceNpScoreGetRankingByNpIdAsync()`
 - `sceNpScoreGetRankingByRange()`
 - `sceNpScoreGetRankingByRangeAsync()`
- With the score ranking APIs, before the server service started, after the server service ended, and during the maintenance, the following matching errors were returned. This problem has been fixed.

`SCE_NP_COMMUNITY_SERVER_ERROR_MATCHING_BEFORE_SERVICE`
`SCE_NP_COMMUNITY_SERVER_ERROR_MATCHING_END_OF_SERVICE`
`SCE_NP_COMMUNITY_SERVER_ERROR_MATCHING_MAINTENANCE`

Correctly, the following errors are returned.

`SCE_NP_COMMUNITY_SERVER_ERROR_RANKING_BEFORE_SERVICE`
`SCE_NP_COMMUNITY_SERVER_ERROR_RANKING_END_OF_SERVICE`
`SCE_NP_COMMUNITY_SERVER_ERROR_RANKING_MAINTENANCE`

libaudio

- `samples/sound/audio/playaudio`
The following problem has been fixed.

From SDK091.005 onwards, an incorrect attribute has been specified in the sample `playaudio`.
This bug causes that the sample audio becomes unable to be output from HDMI/optical/AV MULTI outputs, if any USB device or Bluetooth(R) device is enabled.

libgcm

- If `cellGcmSetDrawArray()` was called just after `cellGcmSetVertexDataArray()`, RSX(TM) hung up in some cases. This problem has been fixed.