

XDTS file format

2018/11/29

XDTS files are text data with a first line matching the "exchangeDigitalTimeSheet Save Data" character string, and subsequent lines composed of JSON Schema defined JSON data.

```
{
  "$schema": "http://json-schema.org/draft-07/schema",
  "type": "object",
  "properties": {
    "header": {
      "description": "Cut / scene information",
      "type": "object",
      "properties": {
        "cut": {
          "description": "Cut No.",
          "type": "string",
          "pattern": "\\d{1,4}"
        },
        "scene": {
          "description": "Scene No.",
          "type": "string",
          "pattern": "\\d{1,4}"
        }
      }
    },
    "required": ["cut", "scene"]
  },
  "timeTables": {
    "description": "Timesheet info",
    "type": "array",
    "minItems": 1,
    "items": {
      "type": "object",
      "properties": {
        "fields": {
          "description": "Individual field info",
          "type": "array",
          "items": {
            "type": "object",
            "properties": {
              "fieldId": {
                "description": "Field type(*1)",
                "type": "integer",
                "enum": [0, 3, 5]
              }
            }
          }
        }
      }
    }
  }
}
```

```

},
"tracks": {
  "description": "Individual field layer info",
  "type": "array",
  "items": {
    "type": "object",
    "properties": {
      "frames": {
        "description": "Individual layer frame information",
        "type": "array",
        "items": {
          "type": "object",
          "properties": {
            "data": {
              "description": "Frame instruction information",
              "type": "array",
              "items": {
                "type": "object",
                "properties": {
                  "id": {
                    "description": "Instruction type(*2)",
                    "type": "integer",
                    "enum": [0]
                  },
                  "values": {
                    "description": "Instruction value(*3)",
                    "type": "array",
                    "minItems": 1,
                    "items": {
                      "type": "string"
                    }
                  }
                }
              }
            },
            "required": ["id", "values"]
          }
        },
        "frame": {
          "description": "Frame No.(*5)",
          "type": "integer",
          "minimum": 0
        }
      },
      "required": ["data", "frame"]
    }
  },
  "trackNo": {
    "description": "Layer No.(*6)",

```

```

        "type": "integer",
        "minimum": 0
    }
},
"required": ["frames", "trackNo"]
}
},
"required": ["fieldId", "tracks"]
}
},
"duration": {
    "description": "Timesheet total frames",
    "type": "integer",
    "minimum": 1
},
"name": {
    "description": "Timesheet name",
    "type": "string"
},
"timeTableHeaders": {
    "description": "Individual field layer name",
    "type": "array",
    "items": {
        "type": "object",
        "properties": {
            "fieldId": {
                "description": "Field type(*1)",
                "type": "integer",
                "enum": [0, 3, 5]
            },
            "names": {
                "description": "Layer name array(*7)",
                "type": "array",
                "items": {
                    "type": "string"
                }
            }
        }
    }
},
"required": ["fieldId", "names"]
}
},
"required": ["duration", "name", "timeTableHeaders"]
}
},
"version": {

```

```

    "description": "XTDS file format version",
    "type": "integer",
    "enum": [5]
  }
},
"required": ["timeTables", "version"]
}

```

*1 Field: Input location of each timesheet instruction. Fields are divided into cells, dialog, and camerawork.

fieldId	field name	details
0	Cell	Field for cell numbers
3	Dialog	Field for speaker names and line timing
5	Camerawork	Field for camerawork instructions

*2 Currently only supports instructions with id=0.

*3 Values are different depending on the field type. Values for each field are as follows.

Field name	value details	value element numbers
Cell	Enter the cell number string and special instruction string(*4)	1
Dialog	In the dialog's first frame, enter the speaker name in the first element, and the dialog's string in the second element. When the line lasts for multiple frames, specify the character string "SYMBOL_HYPHEN" up to the end frame.	1~2
Camerawork	In the camerawork's first frame, enter the camerawork instruction string When the camerawork lasts for multiple frames, specify the character string "SYMBOL_HYPHEN" up to the end frame.	1

*4 Special instruction character strings

Character string	Instruction	Valid field
SYMBOL_TICK_1	Inbetween symbol (○)	Cell
SYMBOL_TICK_2	Reverse sheet symbol (●)	Cell
SYMBOL_NULL_CELL	Empty cell symbol (×)	Cell

SYMBOL_HYPHEN	Continue previous field instruction	All fields
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*5 Set as 0 when specifying the first frame.

*6 Set as 0 for the bottom layer.

*7 Specify layer names with trackNo's that match numbers counted as 0,1,2, etc.