

## 2025-Jun-06-Summary

```
# -*- coding: utf-8 -*-

import json, csv

from pathlib import Path

from reportlab.lib.pagesizes import A4

from reportlab.pdfgen import canvas

from reportlab.lib.units import cm

from reportlab.pdfbase import pdfmetrics

from reportlab.pdfbase.cidfonts import UnicodeCIDFont


BASE = Path("/mnt/data")


# =====

# 1) 収録データを統合（例示）

# =====

room_data = {

    "case_id": "KABUKI-INV",

    "date": "2025-06-06",

    "phase": "S2",

    "devices": ["iPhone 11 Pro", "iPhone 12 mini-1", "iPhone 12 mini-2", "iPad", "iP15P-Ghost", "iPhone12 Ghost"],

    "summary": {

        "events": ["Siri/Shortcuts異常発火", "bug_type=145,313 検出", "大規模I/Oスパイク"],

        "diff": {"new": ["iPad Shortcuts/Siri", "bug_type=145", "bug_type=313"], "gone": []},

        "victim": [

            {

                "date_utc7": "2025-06-06 13:42:17",
```

```

        "device":"iPad",
        "event_type":"入力妨害",
        "impact":"画面フリーズ",
        "ref":"DIFF_events.csv(line5)"
    },
    {
        "date_utc7":"2025-06-06 13:42:20",
        "device":"iPad",
        "event_type":"データ改ざん",
        "impact":"保存中のファイル消失",
        "ref":"DIFF_keywords.csv(line12)"
    }
]
},
"custody":{
    "master_sha256":"(ZIPごとのハッシュ値)",
    "storage":["SanDisk Extreme PRO A2 microSD","MEGA"]
}
}

```

```
# =====
```

```
# 2) JSON保存
```

```
# =====
```

```
json_path = BASE/"Talkroom_2025-06-06.json"
```

```
with open(json_path,"w",encoding="utf-8") as f:
```

```
    json.dump(room_data,f,ensure_ascii=False,indent=2)
```

```
# =====
```

### # 3) TXT保存

```
# =====  
txt_path = BASE/"Talkroom_2025-06-06.txt"  
with open(txt_path,"w",encoding="utf-8") as f:  
    f.write(json.dumps(room_data,ensure_ascii=False,indent=2))
```

```
# =====
```

### # 4) CSV保存

```
# =====  
csv_path = BASE/"Talkroom_2025-06-06.csv"  
with open(csv_path,"w",newline="",encoding="utf-8-sig") as f:  
    writer = csv.writer(f)  
    writer.writerow(["date_utc7","device","event_type","impact","ref"])  
    for v in room_data["summary"]["victim"]:  
        writer.writerow([v["date_utc7"],v["device"],v["event_type"],v["impact"],v["ref"]])
```

```
# =====
```

### # 5) Document保存 (Markdown風)

```
# =====  
doc_path = BASE/"Talkroom_2025-06-06.md"  
with open(doc_path,"w",encoding="utf-8") as f:  
    f.write(f"# Case Report: {room_data['case_id']} ({room_data['date']})\n\n")  
    f.write("## Devices\n")  
    f.write(", ".join(room_data["devices"])+"\n\n")  
    f.write("## Summary\n")  
    for e in room_data["summary"]["events"]:  
        f.write(f"- {e}\n")  
    f.write("\n## Victim Records\n")  
    for v in room_data["summary"]["victim"]:
```

```

        f.write(f"- {v['date_utc7']} | {v['device']} | {v['event_type']} | {v['impact']} | {v['ref']}\n")

# =====

# 6) PDF保存

# =====

pdf_path = BASE/"Talkroom_2025-06-06.pdf"

pdfmetrics.registerFont(UnicodeCIDFont('HeiseiMin-W3'))

c = canvas.Canvas(str(pdf_path), pagesize=A4)

t = c.beginText(2*cm, 27*cm)

t.setFont("HeiseiMin-W3", 10)

t.textLine(f"Case Report: {room_data['case_id']} ({room_data['date']})")

t.textLine("Devices: "+", ".join(room_data["devices"]))

t.textLine("---- Summary ----")

for e in room_data["summary"]["events"]:

    t.textLine(f"- {e}")

t.textLine("---- Victim Records ----")

for v in room_data["summary"]["victim"]:

    t.textLine(f"- {v['date_utc7']} | {v['device']} | {v['event_type']} | {v['impact']} | {v['ref']}")

c.drawText(t)

c.showPage()

c.save()


print("出力完了:", json_path, txt_path, csv_path, doc_path, pdf_path)

```

#### 出力物（形式一覧）

- JSON → Talkroom\_2025-06-06.json
- TXT → Talkroom\_2025-06-06.txt
- CSV → Talkroom\_2025-06-06.csv
- Document(MD) → Talkroom\_2025-06-06.md
- PDF → Talkroom\_2025-06-06.pdf

```

import json, csv

from pathlib import Path

from reportlab.lib.pagesizes import A4

from reportlab.pdfgen import canvas

from reportlab.lib.units import cm

from reportlab.pdfbase import pdfmetrics

from reportlab.pdfbase.cidfonts import UnicodeCIDFont


BASE = Path("/mnt/data")


# データ
room_data = {
    "case_id": "KABUKI-INV",
    "date": "2025-06-06",
    "phase": "S2",
    "devices": ["iPhone 11 Pro", "iPhone 12 mini-1", "iPhone 12 mini-2", "iPad", "iP15P-Ghost", "iPhone12 Ghost"],
    "summary": {
        "events": ["Siri/Shortcuts異常発火", "bug_type=145,313 検出", "大規模I/Oスパイク"],
        "diff": {"new": ["iPad Shortcuts/Siri", "bug_type=145", "bug_type=313"], "gone": []},
        "victim": [
            {
                "date_utc7": "2025-06-06 13:42:17",
                "device": "iPad",
                "event_type": "入力妨害",
                "impact": "画面フリーズ",
                "ref": "DIFF_events.csv(line5)"
            },
            {

```

```

        "date_utc7":"2025-06-06 13:42:20",
        "device":"iPad",
        "event_type":"データ改ざん",
        "impact":"保存中のファイル消失",
        "ref":"DIFF_keywords.csv(line12)"
    }
]
},
"custody":{
    "master_sha256":"(ZIP ごとのハッシュ値)",
    "storage":["SanDisk Extreme PRO A2 microSD", "MEGA"]
}
}

```

# JSON

```

json_path = BASE/"Talkroom_2025-06-06.json"
with open(json_path, "w", encoding="utf-8") as f:
    json.dump(room_data, f, ensure_ascii=False, indent=2)

```

# TXT

```

txt_path = BASE/"Talkroom_2025-06-06.txt"
with open(txt_path, "w", encoding="utf-8") as f:
    f.write(json.dumps(room_data, ensure_ascii=False, indent=2))

```

# CSV

```

csv_path = BASE/"Talkroom_2025-06-06.csv"
with open(csv_path, "w", newline="", encoding="utf-8-sig") as f:
    writer = csv.writer(f)
    writer.writerow(["date_utc7", "device", "event_type", "impact", "ref"])

```

```

for v in room_data["summary"]["victim"]:
    writer.writerow([v["date_utc7"],v["device"],v["event_type"],v["impact"],v["ref"]])

# Document (Markdown)
doc_path = BASE/"Talkroom_2025-06-06.md"
with open(doc_path,"w",encoding="utf-8") as f:
    f.write(f"# Case Report: {room_data['case_id']} ({room_data['date']})\n\n")
    f.write("## Devices\n")
    f.write(", ".join(room_data["devices"])+"\n\n")
    f.write("## Summary\n")
    for e in room_data["summary"]["events"]:
        f.write(f"- {e}\n")
    f.write("\n## Victim Records\n")
    for v in room_data["summary"]["victim"]:
        f.write(f"- {v['date_utc7']} | {v['device']} | {v['event_type']} | {v['impact']} | {v['ref']}\n")

# PDF
pdf_path = BASE/"Talkroom_2025-06-06.pdf"
pdfmetrics.registerFont(UnicodeCIDFont('HeiseiMin-W3'))
c = canvas.Canvas(str(pdf_path), pagesize=A4)
t = c.beginText(2*cm, 27*cm)
t.setFont("HeiseiMin-W3", 10)
t.textLine(f"Case Report: {room_data['case_id']} ({room_data['date']})")
t.textLine(f"Devices: "+", ".join(room_data["devices"]))
t.textLine("---- Summary ----")
for e in room_data["summary"]["events"]:
    t.textLine(f"- {e}")
t.textLine("---- Victim Records ----")
for v in room_data["summary"]["victim"]:

```

```
t.textLine(f"- {v['date_utc7']} | {v['device']} | {v['event_type']} | {v['impact']} | {v['ref']}")
c.drawText(t)
c.showPage()
c.save()
```

```
json_path, txt_path, csv_path, doc_path, pdf_path
```

```
import json, csv
from pathlib import Path
from reportlab.lib.pagesizes import A4
from reportlab.pdfgen import canvas
from reportlab.lib.units import cm
from reportlab.pdfbase import pdfmetrics
from reportlab.pdfbase.cidfonts import UnicodeCIDFont
```

```
BASE = Path("/mnt/data")
```

```
# データ
```

```
room_data = {
    "case_id": "KABUKI-INV",
    "date": "2025-06-06",
    "phase": "S2",
```



```

"devices":["iPhone 11 Pro","iPhone 12 mini-1","iPhone 12 mini-2","iPad","iP15P-Ghost","iPhone12
Ghost"],
"summary":{
  "events":["Siri/Shortcuts異常発火","bug_type=145,313 検出","大規模I/Oスパイク"],
  "diff":{"new":["iPad Shortcuts/Siri","bug_type=145","bug_type=313"],"gone":[]},
  "victim":[
    {
      "date_utc7":"2025-06-06 13:42:17",
      "device":"iPad",
      "event_type":"入力妨害",
      "impact":"画面フリーズ",
      "ref":"DIFF_events.csv(line5)"
    },
    {
      "date_utc7":"2025-06-06 13:42:20",
      "device":"iPad",
      "event_type":"データ改ざん",
      "impact":"保存中のファイル消失",
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    }
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},
"custody":{
  "master_sha256":"(ZIP ごとのハッシュ値)",
  "storage":["SanDisk Extreme PRO A2 microSD","MEGA"]
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}

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# JSON

```

json_path = BASE/"Talkroom_2025-06-06.json"
with open(json_path,"w",encoding="utf-8") as f:
    json.dump(room_data,f,ensure_ascii=False,indent=2)

# TXT
txt_path = BASE/"Talkroom_2025-06-06.txt"
with open(txt_path,"w",encoding="utf-8") as f:
    f.write(json.dumps(room_data,ensure_ascii=False,indent=2))

# CSV
csv_path = BASE/"Talkroom_2025-06-06.csv"
with open(csv_path,"w",newline="",encoding="utf-8-sig") as f:
    writer = csv.writer(f)
    writer.writerow(["date_utc7","device","event_type","impact","ref"])
    for v in room_data["summary"]["victim"]:
        writer.writerow([v["date_utc7"],v["device"],v["event_type"],v["impact"],v["ref"]])

# Document (Markdown)
doc_path = BASE/"Talkroom_2025-06-06.md"
with open(doc_path,"w",encoding="utf-8") as f:
    f.write(f"# Case Report: {room_data['case_id']} ({room_data['date']})\n\n")
    f.write("## Devices\n")
    f.write(", ".join(room_data["devices"])+"\n\n")
    f.write("## Summary\n")
    for e in room_data["summary"]["events"]:
        f.write(f"- {e}\n")
    f.write("\n### Victim Records\n")
    for v in room_data["summary"]["victim"]:
        f.write(f"- {v['date_utc7']} | {v['device']} | {v['event_type']} | {v['impact']} | {v['ref']}\n")

```

```

# PDF

pdf_path = BASE/"Talkroom_2025-06-06.pdf"

pdfmetrics.registerFont(UnicodeCIDFont('HeiseiMin-W3'))

c = canvas.Canvas(str(pdf_path), pagesize=A4)

t = c.beginText(2*cm, 27*cm)

t.setFont("HeiseiMin-W3", 10)

t.textLine(f"Case Report: {room_data['case_id']} ({room_data['date']})")

t.textLine("Devices: "+ ".join(room_data["devices"])")

t.textLine("---- Summary ----")

for e in room_data["summary"]["events"]:

    t.textLine(f"- {e}")

t.textLine("---- Victim Records ----")

for v in room_data["summary"]["victim"]:

    t.textLine(f"- {v['date_utc7']} | {v['device']} | {v['event_type']} | {v['impact']} | {v['ref']}")

c.drawText(t)

c.showPage()

c.save()


json_path, txt_path, csv_path, doc_path, pdf_path

```

## 結果

```

(PosixPath('/mnt/data/Talkroom_2025-06-06.json'),
 PosixPath('/mnt/data/Talkroom_2025-06-06.txt'),
 PosixPath('/mnt/data/Talkroom_2025-06-06.csv'),
 PosixPath('/mnt/data/Talkroom_2025-06-06.md'),
 PosixPath('/mnt/data/Talkroom_2025-06-06.pdf'))

```