

Metadata

As a print job flows with processors metadata is all passed along. This can be used for settings in the processor or modified along with way to be used in other processors.

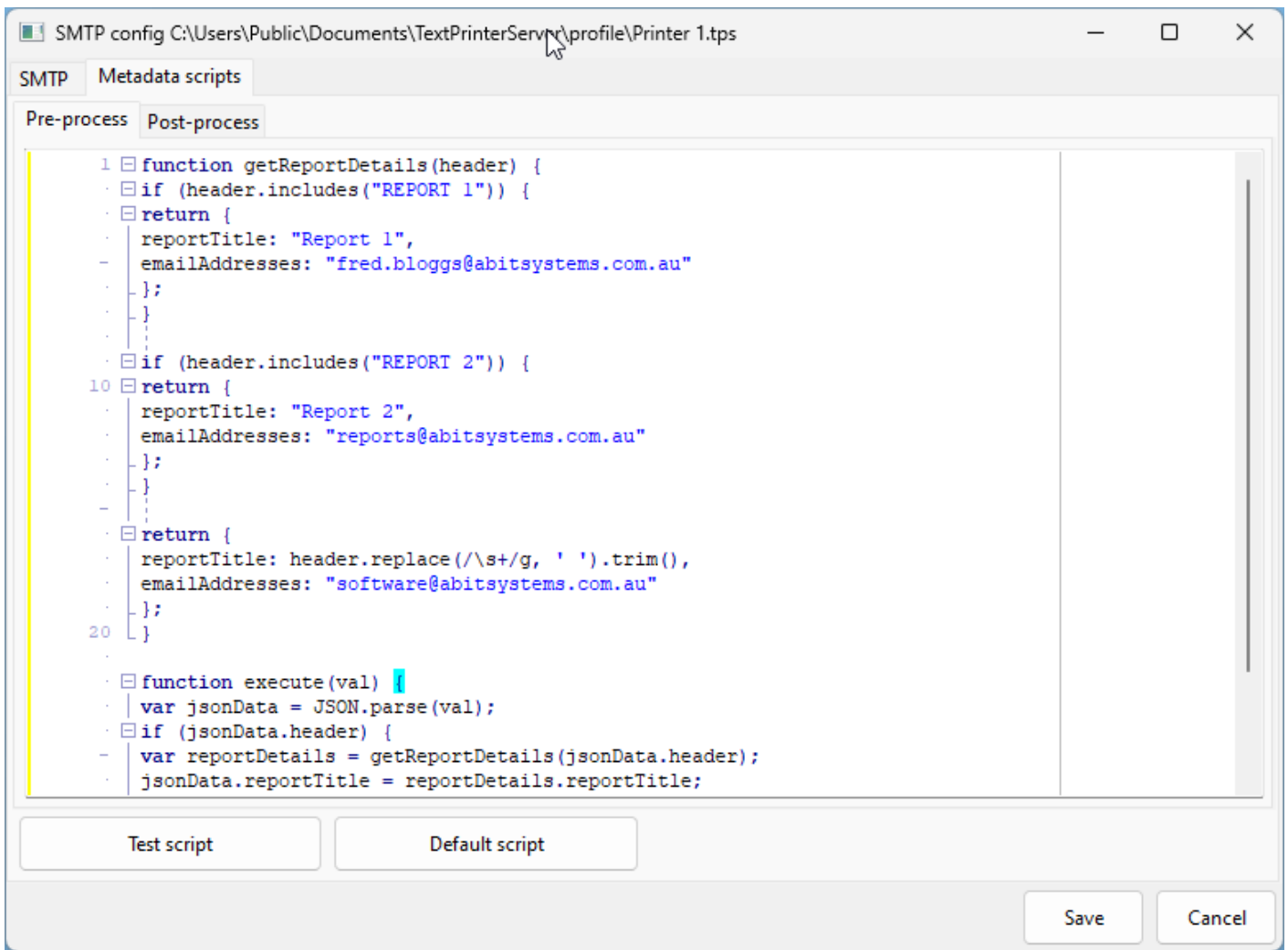
Example report

		REPORT 1 - Page # 1	
		REPORT DATE: 2025-07-23	
Field 1	Field 2	Field 3	Field 4

Meta data will start off with simple details like filename and header

```
{
  "started": "2025-07-22T09:43:41.964+08:00",
  "filename": "C:\\Users\\tristan\\Desktop\\20250721_153435_RAW_172.20.98.1.txt",
  "header": "          REPORT 1 - Page # 1",
  "headercleaned": "REPORT 1 - Page # 1",
}
```

A processor could then manipulate that data in a pre-process or post-process javascript



This example analyzes the header and returns back to new values in the metadata of reportTitle and emailAddresses.

```
function getReportDetails(header) {  
  if (header.includes("REPORT 1")) {  
    return {  
      reportTitle: "Report 1",  
      emailAddresses: "fred.bloggs@abitsystems.com.au"  
    };  
  }  
  
  if (header.includes("REPORT 2")) {  
    return {  
      reportTitle: "Report 2",  
      emailAddresses: "reports@abitsystems.com.au"  
    };  
  }  
}
```

```

return {
reportTitle: header.replace(/\s+/g, ' ').trim(),
emailAddresses: "software@abitsystems.com.au"
};
}

function execute(val) {
var jsonData = JSON.parse(val);
if (jsonData.header) {
var reportDetails = getReportDetails(jsonData.header);
jsonData.reportTitle = reportDetails.reportTitle;
jsonData.emailAddresses = reportDetails.emailAddresses;
}
return JSON.stringify(jsonData, null, 2);
}

```

Because this is Pre-processed the processor can make use of these values immediately in it's own configuration as below. Variables that are from metadata are always prefixed with %metadata_{variablename}%

SMTP config C:\Users\Public\Documents\TextPrinterServer\profile\Printer 1.tps

SMTP Metadata scripts

Enabled: Yes

Run order: 2147483647

Server: smtprelay

Port: 25

From name: Software

From address: software@abitsystems.com.au

Recipients: %metadata_emailaddresses%

Subject: %metadata_reporttitle%

Authentication type: satDefault

Username: abit-relay

Password:

Body: File: %sourcefilefolder%%sourcefilename%%sourcefileext%
Sent: %date% %time%
Profile: %profilename%

Attachments: %metadata_pdffilename%
%metadata_filename%

Reply to name:

Reply to address:

HTML body

Read receipt

SSL version: sslvTLSv1_2

TLS: utNoTLSSupport

Save Cancel

Now the metadata will reflect the following and is passed onto the next processor.

```
{
  "started": "2025-07-22T09:43:41.964+08:00",
  "filename": "C:\\Users\\tristan.ABIT\\Desktop\\20250721_153435_RAW_172.20.98.1.txt",
  "header": "                REPORT 1 - Page # 1",
  "headercleaned": "REPORT 1 - Page # 1",
  "reportTitle": "Report 1",
  "emailAddresses": "fred.bloggs@abitsystems.com.au",
  "smtpResult": "OK"
}
```

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