NOAH

Storing Journal Entries

Journal Entry Standard

DataFmtCodeStd 100
Version 1.1

HIMSA II K/S

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Preface

The purpose of this document is to present and specify the very simple standard data format for the storage and exchange of journal entry data within the Noah framework

The basic revision number for a data format is 100. A data format with the revision number 110 is a direct extension of the basic 100 format. It is, therefore, possible for a revision 100 module to still read and understand a data block generated by a revision 110 module as it will simply discard the '+10' extension. A data format with the version number 200 would constitute a totally new revision, thus making it impossible for revision 1xx modules to read revision 2xx data formats.

Journal Entries are a new data standard, so the first revision is version number 100.

Document History

ver.	11.Oct 2010	Final version
ver. 1.1	18th Aug 2011	Changed RTF description

1 Introduction

1.1 Purpose

This document intends to explain the use of the Noah standard for storing Journal Entry data.

This document represents the Noah measurement standards documentation for software developers of the Noah Framework Programming Interface. In this way, data can be shared among different Hearing Instrument- and Audiological Equipment-manufacturers. This document describes the Journal Entry formats and can be read independently of other NOAH documentation.

1.2 Contents

1.3 References

[RTF] Rich Text Format (RTF)

[ModuleAPI] The ModuleAPI Documentation in the Noah 4 SDK

[ModuleServer] The ModuleServer Documentation in the Noah 3 SDK

2 The NOAH standard for Journal Entries

2.1 The Journal Entry

The Journal Entry is a Noah Action.

A Noah action type can be created by using the public Module Application Interface – ModuleAPI (ref ModuleAPI]) for Noah 4 or ModuleServer (ref [ModuleServer]) for Noah 3.

In order for the Action to take the form of a Noah Journal Entry, the following needs to be taken into account:

Feature	Property	DataType	Description
Body	Public Data blob	string	This is the body of the journal entry, and it is described in more detail in section 2.2 The string must be formatted with RTF.

2.2 The public data blob – the journal body

The blob needs to consist of a String, formatted in RTF format.
GUI elements such as the WPF RichTextBox can display RTF encoding, and allow for the use of different fonts, textFormatting, textsize, tabulations, textcolor, etc.

In most cases Journal entries will be shown without any problem – but any RTF control will only show the data that is supported by the used RTF specification. This means that a specific RTF control may not show extended data that was created in a newer RTF control with a newer version of RTF.

The Noah 4 Journal module uses the RTF version that is available with WPF.

There are methods in the relevant Module Application interface (ModuleAPI or ModuleServer) to get and set the public data blob (ref [ModuleAPI] and ref. [ModuleServer]