

Introduction

This document covers the two most basic exporters: the “Standard Exporter” and the “Certifications Exporter”. Both are used to send data related to individuals into other formats to view and/or edit. You can export based on specific types of people, games, lists, addresses and certifications.

Getting Started

Both exporters create static (non-changing) files of one of eight types. Select a file type (format) which will be readable by the application you intend to bring the data into. Samples of several of these formats are included at the end of this document.

<u>Format</u>	<u>Description</u>	<u>Disadvantages</u>
Tab-delimited	Each field is separated from the previous by a tab character	Multi-line fields are truncated; some non-ASCII characters can be lost
Comma-delimited	Each field is embedded in quotation marks and separated from the previous by a comma	Multi-line fields are truncated; some non-ASCII characters can be lost
DIF Data Interchange Format	An old US Navy format which can be imported into most spreadsheets and many databases	Multi-line fields are truncated
dBase	A very standard database format which can be directly used by most spreadsheets and databases	
Excel	Microsoft® standard spreadsheet	Limited to 65,535 rows
HTML Hypertext Markup Language	Standard HTML table – easily viewed in any web browser	
XML eXtensible Markup Language	A cross-platform data format which can be read into many systems	
MS Access	Microsoft® database file	

The Standard Exporter is the most flexible, allowing export of people and their information based on their mere existence in GMS, participation in one or more events, or presence on a list. The Certifications exporter exports people with a particular type of certification, and allows selection of people based on the data in that certification.

Both exporters are accessed by clicking on the “Export” icon from GMS' main screen. The Standard Exporter is also available from within a games under the name ““Entrants in Games””; when used there, only people registered in that games will be exported.

Standard Exporter

Illustration 1, Standard Exporter

	ID	BASIC_ID	NAME	NAME_FIRST	NAME_MIDL	NAME_FAMIL	NAME_NATU	KIND	SEX	DOB	AGE	P_DELEGA	SOCSEC	INA
1	2PQP8SDSUEWN	SR4FK	DAVIS, Evanell	Evanell		Davis	Evanell DAVIS	Volunteer	Male	12/6/1950	54.00	003	123456789	Fal
2	DRZ73734GJDMPI	X0125	Espinoza, Jaqueline	Jaqueline		Espinoza	Jaqueline Espinoza	Athlete	Female		0.00	003		Fal
3	WO4ZYZQNUW6N	YAP0D	Flame, Jane	Jane		Flame	Jane Flame	Athlete	Unknown		0.00	003		Fal
4	YYQ19JMOIL0EZT	EYP98	Fire, Joe	Joe		Fire	Joe Fire	Athlete	Unknown		0.00	003		Fal

Illustration 2, Sample Standard Exporter data

The fields which export by default are:

Id, Basic Id, Name, Name First, Name Middle, Name Family, Name (Natural), Kind, Sex, DOB, Age, P-Delegation, SocSec, Inactive, Deceased, Last Changed, Date Created, Med Alert, Diet Alert, Emergency Contact, Wheelchair, Language, Nationality, Place of birth, Passport number

If address information is included, these fields are added:

A.IsPrimary, A.Kind, A.Line1, A.Line2, A.Line3, A.City, A.State, A.Zip, A.Country, A.County, A.Email, A.Ph1, A.Ph1K, A.Ph2, A.Ph2K, A.Ph3, A.Ph3K, A.Ph4, A.Ph4K

Any certifications or custom fields selected will be added to the end of this list.

Options

People to include

This is the source of the people to be exported.

Everyone – anyone in GMS in the specified delegations

Only people in one or more games – people registered in one or more of the games

People on a list – those people who are on a mailing list. When selected, pick which mailing list to take people from. This option will not appear if mailing lists are not enabled, or no mailing lists have been created. See the “Mailing lists” document for more details on how to create mailing lists and put people on them.

Note that for any of these three, people must still meet the “deceased”, “inactive” and optional address criteria.

Types of people

When working within a games, these types refer to the entrant's role in the games; outside of a games, they refer to the person's type.

Games

When exporting “Only people in one or more games”, select the games whose entrants you want to be exported here. This is used primarily for exporting multiple games together or for getting entrants who are “active” - to export a single games' entrants, you'd normally do that from within that games.

Delegations

When exporting from within a single games, these delegations refer to the entrants' games delegations; anywhere else, they refer to each entrant's permanent delegation. If you are not exporting all delegations, remember that you can right-click on the list of delegations for All/None/Reverser options. If hierarchical delegations are enabled, “Display how many elements of delegation name” allows you to truncate the later sections of delegation names. For example, “North America.New York.Area 14” will export as “North America” if “1” is selected.

Others

Include deceased people: if un-checked, people marked as deceased will be excluded

Include “inactive” people (only outside of a games): if un-checked, people marked as “inactive” in the person editor will be excluded

Include scratched entrants (only within a games or when exporting entrants in games): an entrant who is scratched is not normally considered to be in a games; if this is checked, they will be included anyway

Include what kinds of certifications

Any certification types selected here will have their data added as additional columns in the export file for each entrant. Only one of any type of certification will be included, and entrants are not filtered based on the presence or absence of any certification type.

Events to include

These options only appear if the exporter is run from within a games, or if only people in select games are being exported, and the list of available options may vary.

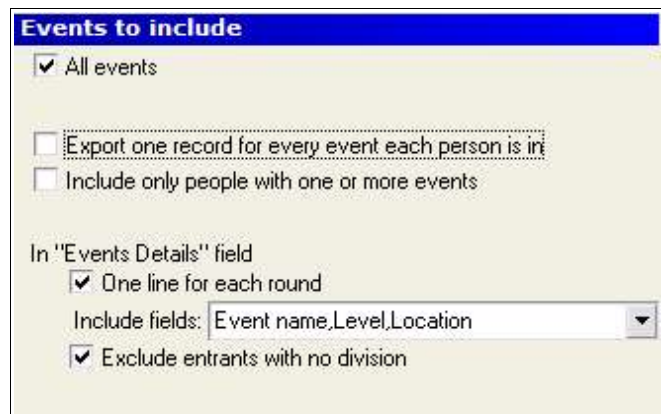
All events

This selects which event entries are included as each entrant is exported; if un-checked, a list of valid events comes up.

Export one record for every event each person is in

If checked and an entrant is in three events, the entrant will be exported three times: once for each event. This brings up some additional options:

Include people with no events or no qualifying events: if checked, even if the entrant would not export any event information, includes the entrant in the export anyway.



The screenshot shows a dialog box titled "Events to include". It has a blue header bar. Below the header, there are several options with checkboxes:

- All events
- Export one record for every event each person is in
- Include only people with one or more events

Below these, there is a section titled "In 'Events Details' field":

- One line for each round
- Include fields:
- Exclude entrants with no division

Illustration 3, Events options

Score format: select “Numeric” (79.57), “Descriptive text – long” (1 min, 19.57 sec), or “Descriptive text – short” (01:19.57) to export scores in the given format.

If not checked, a single record is exported with the additional information in extra columns.

Include only people with one or more events

If checked, entrants in no valid events will not be exported at all.

“Events Details” field

GMS will export a text field called “Events Details”, and will include in it the fields that you select here. Checking “One line for each round” will cause events with multiple rounds to include multiple lines; “Exclude entrants with no division” will leave out rounds that have not been divisioned.

Additional Options

Effective date for calculating ages

This is only available outside of a games (within a games, the games' age date is used), and is the date as of which all entrants' ages will be computed.

Addresses

Checking “Include address in exported data” will try to include one address for each individual. The address type selectors let you choose the preferred address to include, as well as up to two backups if the first ones are not available or are incomplete.

Checking “Only include entrants with an address type above” will exclude from export any entrant who does not have an address which meets your type criteria. “Be strict in what is considered a valid address” will require that any address have at least one line, a city and state to be considered valid.

Illustration 4, Address options

Custom field data

Checking “Include custom field data for each entrant” allows you to include any number of custom fields associated with people in the export file. Each field will be an additional column in the exported data.

“Make exported field names appropriate for Flat File Importer”, when checked, will name custom field values in a format appropriate for their re-import with GMS' Flat File Import tool.

Export Specifications

Select the type of file to be created, and where the file should go and be called.

Modifying output file

GMS allows you to change the order, layout and columns in the exported file. Check “Modify output setup fields and/or sorting”, and after clicking [Execute], the Export Modifier window will open.

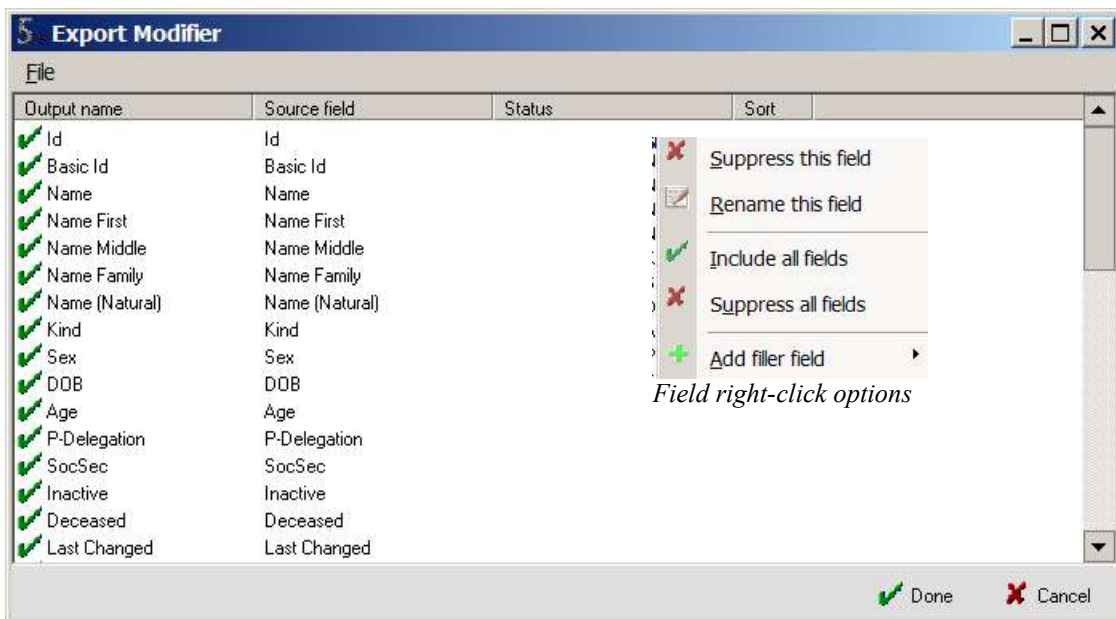


Illustration 5, Export Modifier

The modifier is primarily used to exclude fields that you don't want in the output file. To modify a field, right click on it and you can suppress it (or include it if currently suppressed) or rename it, as well as select options to include or suppress all fields and add a filler field. Filler fields can be set as a string, date or number field and will leave blank columns or spaces between data fields in the format you select.

If you will be using the modifier on a regular basis, you can save the settings here by clicking on “File” then “Save As” and set the filename. To use an existing template select “Load” from the file menu and select the filename you want to use.

When finished, click “Done” to exit the modifier and start the export process, or “Cancel” to close the window and return to the exporter window without creating the output file.

Certifications Exporter

This exporter works with certifications of a single type associated with people. You can filter people by type, permanent delegation and/or details in the certifications themselves.

Certification Exports
This exporter sends out the details of various selected certification types to a database file for use in other applications.

Options

Which type of certifications to include: Medical
Effective date (for ages): 08/26/2005

What types of people: [all]

For certification fields that are checklists
Export a list of the checked options, e.g. "Bocce,Powerlifting"

Include primary entrant address, if available
 Include only records which meet certain criteria

Delegations to include
 All Delegations

Export Specifications

Export format: dBase
Output filename: c:\t2.dbf

Execute

Illustration 6, Certifications exporter

Options

For certification fields that are checklists

This controls how GMS exports this type of field. Normally you'll use the

first option; if you're going to re-import this data into GMS, the second may be more appropriate. The last option can be used if you want to do more advanced selection criteria in the application that you feed GMS' output file to.

For certification fields that are checklists

Export a list of the checked options, e.g. "Bocce,Powerlifting"

Export a list of the checked codes, e.g. "bo,pl"

Export one field for each option in the checklist with "Y" or "N" indicating if that list option is checked

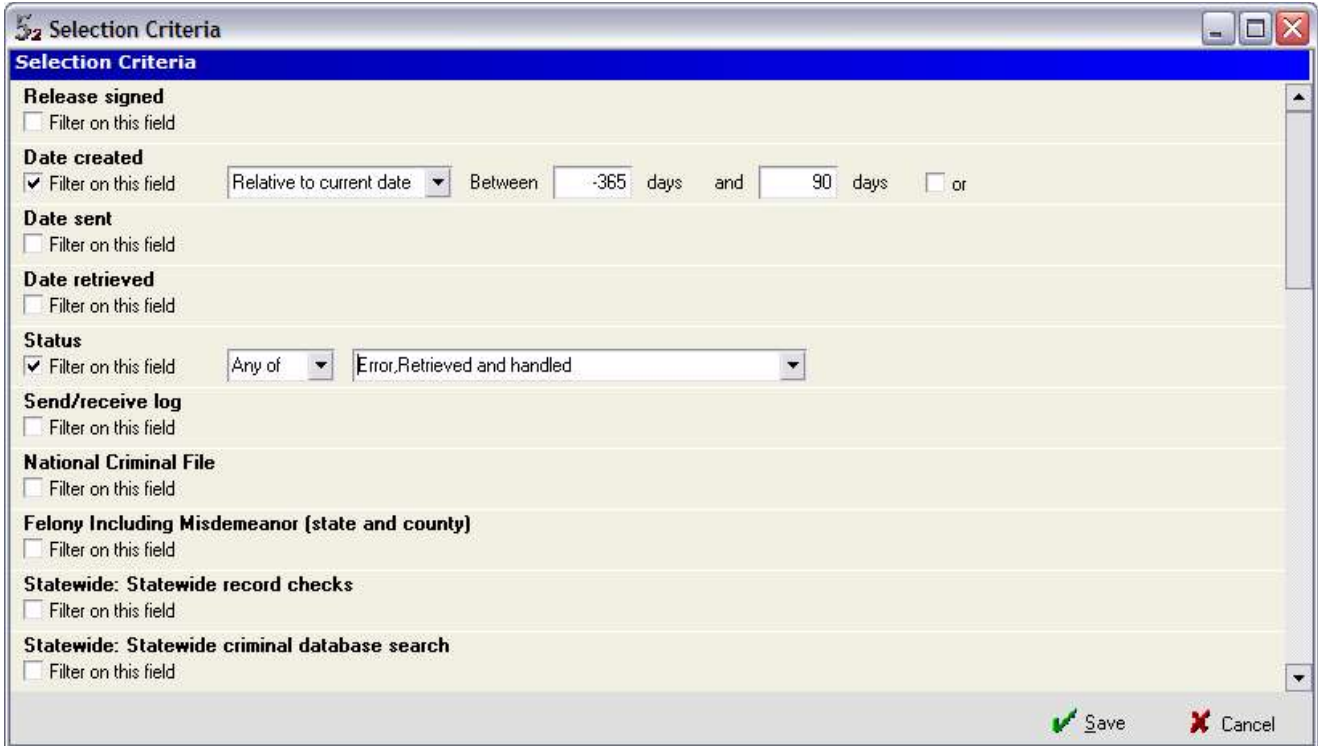
Include primary address

Will include the address for each entrant marked as "primary", if it exists. Even if no address is attached to the person, he/she will still be exported.

Include only records which meet certain criteria

This brings up an option to define advanced selection criteria; only those entrants which meet them will be included. Note that for all but the effective and expiration date criteria, GMS may have to read every record in the database in order to check all of your criteria and this may take some time,

Click on the "No criteria..." label to provide the conditions under which a certification will be deleted.



The different fields each have their own options, and different types of fields have different sets of options. For each field you can choose to filter on that field by checking “Filter on this field” or to ignore that field by not checking it.

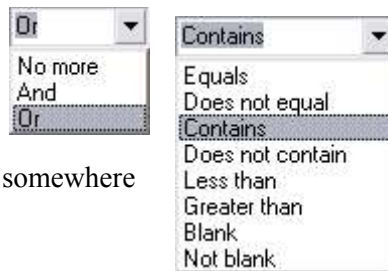
Checkbox fields

Only two options: “Checked” and “Not checked”. The field must match the value selected, or the certification will not be considered.

Memo and character fields



You can apply up to two values to each of these fields, each with its own match criterion. Two include two comparisons, change “No more” to either “And” or “Or”.

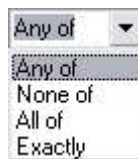


The example above will include this record only if the field “Send/receive log” contains the strings “sent” or “retrieved” somewhere within it.

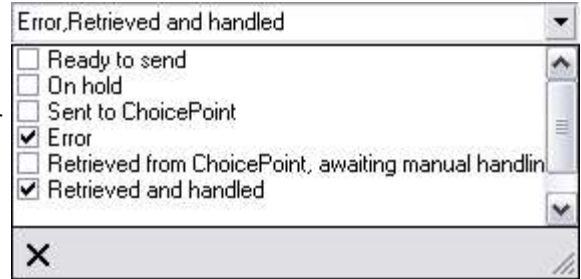
Checklist fields



These have four options: “Any of”, “None of”, “All of” and “Exactly”.



- Any of Matches if any of the fields checked on your list match fields checked in the certification.
- None of Matches only if none of the fields checked on your list are checked in the certification.
- All of Matches only if all of the fields checked on your list are checked in the certification; extra checked fields in the certification are not a problem.
- Exactly Matches only if the fields you checked exactly matches the list checked in the certification.



Date fields

Date retrieved
 Filter on this field Specific dates Between 06/01/2005 and 06/30/2005 or Between 04/01/2005 and 06/15/2005

Date created
 Filter on this field Relative to current date Between -365 days and 90 days or

Dates can be provided two ways: specific date ranges or relative to the current date. To specify a date before today, enter a negative number of days. The first example will include records retrieved between 6/1/2005 and 6/30/2005, or between 4/1/2005 and 6/15/2005 (the overlap between the two is harmless).

The second example here will include records created one year prior to today through ninety days into the future.

Sample Documents

```

"Id","Basic Id","Name","Name First","Name Middle","Name Family","Name
(Natural)","Kind","Sex","DOB","Age","P-Delegation","SocSec","Inactive","Deceased","Last Changed","Date
Created","Med Alert","Diet Alert","Emergency Contact","Wheelchair","Language","Nationality","Place of
birth","Passport number"
"2PQP8SDSUEWNNMQ38","SR4FK","DAVIS, Evanell","Evanell","","Davis","Evanell
DAVIS","Volunteer","Male","12/6/1950","54","003","123456789","0","0","8/4/2005 12:56:36 PM","8/4/2005
12:56:36 PM","","","0","English","","",""
"DRZ73734GJDMPCBN","X0125","Espinoza, Jaqueline","Jaqueline","","Espinoza","Jaqueline
Espinoza","Athlete","Female","INVALID","0","003","","0","0","8/4/2005 1:26:10 PM","8/4/2005 1:26:10
PM","","","0","English","","",""
"W04ZY2QNUW6NQFLQ","YAP0D","Flame, Jane","Jane","","Flame","Jane
Flame","Athlete","Unknown","INVALID","0","003","","0","0","7/15/2005 8:42:19 PM","7/15/2005 8:42:19
PM","","","0","English","","",""
"YYQ19JMOILOEZTT2","EYP98","Fire, Joe","Joe","","Fire","Joe
Fire","Athlete","Unknown","INVALID","0","003","","0","0","7/15/2005 8:42:28 PM","7/15/2005 8:42:28
PM","","","0","English","","",""

```

Text 1, Sample tab-delimited data

```

"Id","Basic Id","Name","Name First","Name Middle","Name Family","Name
(Natural)","Kind","Sex","DOB","Age","P-Delegation","SocSec","Inactive","Deceased","Last Changed","Date
Created","Med Alert","Diet Alert","Emergency Contact","Wheelchair","Language","Nationality","Place of
birth","Passport number"
"2PQP8SDSUEWNNMQ38","SR4FK","DAVIS, Evanell","Evanell","","Davis","Evanell
DAVIS","Volunteer","Male","12/6/1950","54","003","123456789","0","0","8/4/2005 12:56:36 PM","8/4/2005
12:56:36 PM","","","0","English","","",""
"DRZ73734GJDMPCBN","X0125","Espinoza, Jaqueline","Jaqueline","","Espinoza","Jaqueline
Espinoza","Athlete","Female","INVALID","0","003","","0","0","8/4/2005 1:26:10 PM","8/4/2005 1:26:10
PM","","","0","English","","",""
"W04ZY2QNUW6NQFLQ","YAP0D","Flame, Jane","Jane","","Flame","Jane
Flame","Athlete","Unknown","INVALID","0","003","","0","0","7/15/2005 8:42:19 PM","7/15/2005 8:42:19
PM","","","0","English","","",""
"YYQ19JMOILOEZTT2","EYP98","Fire, Joe","Joe","","Fire","Joe
Fire","Athlete","Unknown","INVALID","0","003","","0","0","7/15/2005 8:42:28 PM","7/15/2005 8:42:28
PM","","","0","English","","",""

```

Text 2, Sample comma-delimited data

```

<GMSEXPORT>
<RECORD>
<DATA Name="Id">2PQP8SDSUEWNNMQ38</DATA>
<DATA Name="Basic Id">SR4FK</DATA>
<DATA Name="Name">DAVIS, Evanell</DATA>
<DATA Name="Name First">Evanell</DATA>
<DATA Name="Name Middle"></DATA>
<DATA Name="Name Family">Davis</DATA>
<DATA Name="Name (Natural)">Evanell DAVIS</DATA>
<DATA Name="Kind">Volunteer</DATA>
<DATA Name="Sex">Male</DATA>
<DATA Name="DOB">12/6/1950</DATA>
<DATA Name="Age">54</DATA>
<DATA Name="P-Delegation">003</DATA>
<DATA Name="SocSec">123456789</DATA>
<DATA Name="Inactive">0</DATA>
<DATA Name="Deceased">0</DATA>
<DATA Name="Last Changed">8/4/2005 12:56:36 PM</DATA>
<DATA Name="Date Created">8/4/2005 12:56:36 PM</DATA>
<DATA Name="Med Alert"></DATA>
<DATA Name="Diet Alert"></DATA>
<DATA Name="Emergency Contact"></DATA>
<DATA Name="Wheelchair">0</DATA>
<DATA Name="Language">English</DATA>
<DATA Name="Nationality"></DATA>
<DATA Name="Place of birth"></DATA>
<DATA Name="Passport number"></DATA>
</RECORD>
<RECORD>
<DATA Name="Id">DRZ73734GJDMPCBN</DATA>
<DATA Name="Basic Id">X0125</DATA>
<DATA Name="Name">Espinoza, Jaqueline</DATA>

```

Text 3, Sample XML-formatted data

```

<GMSEXPORT>
<HTML>
<TABLE>
<TR>
<TD>Id</TD>
<TD>Basic Id</TD>
<TD>Name</TD>
<TD>Name First</TD>
<TD>Name Middle</TD>
<TD>Name Family</TD>
<TD>Name (Natural)</TD>
<TD>Kind</TD>
<TD>Sex</TD>
<TD>DOB</TD>
<TD>Age</TD>
<TD>P-Delegation</TD>
<TD>SocSec</TD>
<TD>Inactive</TD>
<TD>Deceased</TD>
<TD>Last Changed</TD>
<TD>Date Created</TD>
<TD>Med Alert</TD>
<TD>Diet Alert</TD>
<TD>Emergency Contact</TD>
<TD>Wheelchair</TD>
<TD>Language</TD>
<TD>Nationality</TD>
<TD>Place of birth</TD>
<TD>Passport number</TD>
</TR>
<TR>
<TD>2PQP8SDSUEWNMQ38</TD>
<TD>SR4FK</TD>
<TD>DAVIS, Evanel1</TD>
<TD>Evanel1</TD>
<TD></TD>
<TD>Davis</TD>
<TD>Evanel1 DAVIS</TD>
<TD>Volunteer</TD>
<TD>Male</TD>
<TD>12/6/1950</TD>
<TD>54</TD>
<TD>003</TD>
<TD>123456789</TD>
<TD>0</TD>
<TD>0</TD>
<TD>8/4/2005 12:56:36 PM</TD>
<TD>8/4/2005 12:56:36 PM</TD>
<TD></TD>
<TD></TD>
<TD></TD>
<TD>0</TD>
<TD>English</TD>
<TD></TD>
<TD></TD>
<TD></TD>
</TR>
<TR>
<TD>DRZ73734GJDMPCBN</TD>
<TD>X0125</TD>
<TD>Espinoza, Jaqueline</TD>
<TD>Jaqueline</TD>
<TD></TD>
<TD>Espinoza</TD>
<TD>Jaqueline Espinoza</TD>

```

Text 4, Sample HTML-formatted data