

# Sample Members

**Note:**

Refer to the installation verification procedure for more information about interpreting the URLs provided in the following tables.

This document covers the following topics:

- On the SMARTS Source Dataset
  - On the SMARTS HTTP JOBS Dataset
  - On the Natural Library HTPvrs
  - On the Natural INPL Update for SYSWEB
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## On the SMARTS Source Dataset

The following section lists the sample members on the source dataset and tells what they are used for.

<b>Member</b>	<b>Description</b>
HAANCONF	the HTTP server configuration member.
HAANDSNT	source used to map the dataset name to content type for the HTTP server.
HAANTYPT	source used to map the member type to content type for the HTTP server. Can be modified and reassembled to add, remove, or change entries in the table.
HAANUXIT	user exit to alter the processing of requests by the HTTP server.
HCANSAMP	C program to accept a simple CGI request and return some data to the user. When compiled and linked, it can be used in conjunction with the source members HHANCGET or HHANCPUT on the HTPVRS.SRCE dataset, which contain HTML. Note: The PJASCC and associated link jobs may be used to compile and link this sample, if required.
HHANCGET	HTML page that drives the C program HCANSAMP using a form and the HTTP GET method. The page may be referenced as: http://ip-addr:port/htpvrs/srcce/hhancget.htm
HHANCOBT	HTML page that drives the COBOL program HOANSAMP using a form and the HTTP GET method. The page may be referenced as: http://your.ip.address:port/htpvrs/srcce/hhancobt.htm
HHANCPUT	HTML page that drives the C program HCANSAMP using a form and the HTTP POST method. The page may be referenced as: http://ip-addr:port/htpvrs/srcce/hhancput.htm
HHANNATT	HTML page that drives the Natural program HNANSAMP using a form and the HTTP GET method. The page may be referenced as: http://ip-addr:port/htpvrs/srcce/hhannatt.htm
HHANPL1T	HTML page that drives the PL/1 program HNANSAMP using a form and the HTTP GET method. The page may be referenced as: http://ip-addr:port/htpvrs/srcce/hhancget.htm
HOANCONV	COBOL program that uses the HTTP server to converse with a web browser over a series of HTML pages. The program is started using http://ip-addr:port/cgi/hoanconv
HOANSAMP	COBOL CGI program driven by the HTML page HHANCOBT.
HPANSAMP	PL/1 CGI program driven by the HTML page HHANPL1T.

## On the SMARTS HTTP JOBS Dataset

The following section lists the sample members on the jobs dataset and tells what they are used for.

Member	Description
HJBNACNF	job to compile and link the HAANCONF configuration parameters.
HJBNCOBC	job to compile and link the COBOL CGI program HOANSAMP.
HJBNDST	job to compile and link the HAANDSNT configuration table.
HJBNPLIC	job to compile and link the PL/1 CGI program HPANSAMP.
HJBNTYPT	job to compile and link the HAANTYPT configuration table
HJBNUXIT	job to compile and link the HAANUXIT user exit.
HJENLINK	job to link the HTTP server extensions for the SMARTS server environment.
HJENPARM	the parameters used to start and run the HTTP servers under the SMARTS server environment.

## On the Natural Library HTPvrs

Member	Description
HNANCGIP	Natural program used for Natural script, which builds an output HTML page in the Natural source area and writes it out to a browser using the HTTP server extensions.
HNANPGDA	Global data area (GDA) used by HNANCGIP.
HAANSAMP	Natural CGI program that is launched by HTML page HHANNATT.
HNANSHEL	Natural CGI interface shell program delivered in object format.
HNANCGRL	Local data area (LDA) containing definitions of the SMARTS API high-level language interface return and reason codes.
HNANWTOP	Natural program that writes to the operator and is used to verify that Natural CGI processing is operating correctly.

## On the Natural INPL Update for SYSWEB

Member	Description
NWWAPS	Natural Web Interface extension program delivered in object format
W3APSENV	Natural subroutine required by NWWAPS delivered in object format
D5*	27 Natural modules (subprogram/subroutine/copycode/parameter/text) delivered in source format, which make up the Natural Web Interface demo application