

# Con-nect Application Programming Interface

The Con-nect Application Programming Interface (API) consists of a series of Natural subprograms which are delivered with Con-nect and can be used to access Con-nect data without using the online system.

This documentation is subdivided as follows:

	General Information	Information on all API subprograms.
	External Communication	Information on the parameter Node-parameters which is used by the API subprograms that refer to external nodes.
	API Subprograms (see the <i>List of API Subprograms</i> below)	Description of each API subprogram. Each description lists the required parameters, subprograms, and possible return codes. Many descriptions also provide an example program.
	Return Codes	List of all return codes.
	Numbers	Overview of all object numbers, document formats, address types, cabinet types, folder numbers and file numbers.

## List of API Subprograms

The following is a list of all API subprograms currently available with Con-nect.

Name	Description
Z-ACCEPT	Accept or decline an invitation to a meeting.
Z-ADD01	Add a nickname for an address at an external node. Applies only to an external node which uses the spool file.
Z-ADD01A	Add a nickname (including work address) for an address at an external node. Applies only to an external node which uses the spool file.
Z-ADD01B	Add a nickname for an address at an external node or for an internal Con-nect address. Applies only to an external node which uses the spool file.
Z-ADD01T	Add a nickname for an address at an external node. Applies also to an external node which uses the transport service.
Z-ADD03B	Add an appointment.
Z-ADD03C	Add an appointment.
Z-ADD04	Add a bulletin board.
Z-ADD05	Add a cabinet.
Z-ADD06	Add an appointment or the basic information of a meeting.
Z-ADD10	Add a distribution list.
Z-ADD10X	Add a distribution list. ISN uses format P10.
Z-ADD11	Add a document from the contents of the Natural edit area.
Z-ADD11C	Add a document using data from a text array.

<b>Name</b>	<b>Description</b>
Z-ADD11D	Add a document using data from a text array.
Z-ADD11X	Add a document from the contents of the Natural edit area. ISN uses format P10.
Z-ADD13	Add a folder and/or file.
Z-ADD13A	Add a folder and/or file (enhanced functionality).
Z-ADD17	Add a member to an existing distribution list.
Z-ADD17A	Add a member to a shared cabinet.
Z-ADD17B	Add a member to an existing distribution list.
Z-ADD27	Add a reference document.
Z-ADD74	Add an external node which uses either the transport service or the spool file.
Z-ADD79	Add a logical printer.
Z-ADDATT	Add attendees and resources to a meeting.
Z-ADDOBJ	Add a user-defined object.
Z-ALIST	Return the address list of a mail item.
Z-ALISTM	Return the address list of a mail item with address index. ISN uses format P10.
Z-ALISTX	Return the address list of a mail item. ISN uses format P10.
Z-CAN06	Cancel a meeting.
Z-CLSEQ	Load the printer close sequence.
Z-CMD	Invoke Con-nect from a user-written program and execute the specified Con-nect command sequence.
Z-CMDOBJ	Validate a command or command-object combination for a specific cabinet.
Z-CMFVER	Get the version number of the currently installed Con-form version.
Z-CNFIRM	Confirm a message created with Z-MAILA and create a transport service item.
Z-COP11	Copy a document (to copy to another cabinet, you must be authorized to use that cabinet).
Z-COP11B	Copy a document (to copy to another cabinet, you can specify the password of that cabinet).
Z-COP11C	Copy a document with keywords and enclosures.
Z-COP11X	Copy a document (to copy to another cabinet, you must be authorized to use that cabinet). ISN uses format P10.
Z-DETACH	Detach cover notes, enclosed documents or attached notes from a document. Or detach attached notes from an appointment or meeting.
Z-DIS04	Display a list of bulletin boards.
Z-DIS04A	Display the contents of a specific bulletin board.
Z-DIS04X	Display the contents of a specific bulletin board. ISN uses format P10.
Z-DIS05	Display a list of cabinets.

<b>Name</b>	<b>Description</b>
Z-DIS05A	Display a list of cabinets with backup information.
Z-DIS05F	Display the cabinet profile of a specific cabinet.
Z-DIS05I	Display the date and time formats and the sliding window (YSLW) value in the user profile of a specific cabinet.
Z-DIS05X	Display a list of cabinets. ISN uses format P10.
Z-DIS11	Display a list of documents.
Z-DIS11A	Display a list of documents with information on replies. ISN uses format P10. The list of documents can be displayed in descending alphabetical order.
Z-DIS11X	Display a list of documents. ISN uses format P10. The list of documents can be displayed in descending alphabetical order.
Z-DIS13	Display a list of folders.
Z-DIS13A	Display the contents of a specific folder or file.
Z-DIS13B	Display the contents of a specific folder or file.
Z-DIS17A	Display a list of all members of a distribution list, shared cabinet or private cabinet which the user has shared.
Z-DIS17B	Display a list of all members of a distribution list, shared cabinet or private cabinet which the user has shared.
Z-DIS20	Display a list of notepad pages.
Z-DIS23	Display a list of printer profiles.
Z-DIS27	Display a list of reference documents.
Z-DIS33	Display a list of users including work address information.
Z-DIS39A	Display a list of all addressees to whom the user of a specific cabinet can send mail.
Z-DIS74	Display a list of external nodes.
Z-DIS79	Display a list of logical printers.
Z-DRIVER	Load a printer profile into the Con-form buffer.
Z-ENC11	Enclose documents with a host document, or detach enclosures from a host document.
Z-ERA01	Erase a nickname.
Z-ERA03	Erase an appointment.
Z-ERA04	Erase a bulletin board.
Z-ERA05	Mark a cabinet for deletion or cancel a deletion mark.
Z-ERA10	Erase a distribution list.
Z-ERA11	Erase a document.
Z-ERA11B	Erase a document from a bulletin board.
Z-ERA11X	Erase a document. ISN uses format P10.
Z-ERA13	Erase a folder or file.

Name	Description
Z-ERA17	Erase a member from a distribution list.
Z-ERA27	Erase a reference document.
Z-ERA74	Delete an external node which uses either the transport service or the spool file.
Z-ERA79	Delete a logical printer.
Z-ERAOBJ	Erase a user-defined object.
Z-EXPU	Update the expiration date and archive flag of a document.
Z-FIL11	File a document into another folder or file and/or rename it.
Z-FIL11A	File a document into another folder or file (with all previous replies and identical keywords) or rename it.
Z-FIL11X	File a document into another folder or file and/or rename it. ISN uses format P10.
Z-FIL13	File a folder in another folder, or remove a folder from the folder in which it is stored.
Z-FIL27	File a reference document into another folder or file and/or rename it.
Z-FILCNF	Format and file a Cnf document.
Z-FILOB	File a user-defined object into another folder or file and/or rename it.
Z-FORWD	Forward mail.
Z-GET01	Return information about a nickname for an address at an external node or for an internal Con-nect address. Applies only to an external node which uses the spool file.
Z-GET01B	Return information about a nickname for an address at an external node or for an internal Con-nect address, including Private-flag for nicknames, last name and first name of a user at an external node as well as the security levels for a nickname or user. Applies only to an external node which uses the spool file.
Z-GET01C	Return the work and home address for a cabinet or nickname, including last name, first name and Private-flag for a nickname.
Z-GET01D	Return the work and home address for a cabinet or nickname, including the Cc and Miscellaneous information.
Z-GET01E	Return the work and home address for a cabinet or nickname, including the Cc and Miscellaneous information. The parameter list contains new Cc-3 parameters which apply to the mail status message. The format of the Miscellaneous parameters has been increased to 10 lines. All types of users can use this subprogram.
Z-GET01T	Return information about a nickname for an address at an external node or for an internal Con-nect address. Applies also to an external node which uses the transport service.
Z-GET03B	Return information about an appointment or meeting.
Z-GET04	Return an object which is contained in a specific bulletin board.
Z-GET04X	Return an object which is contained in a specific bulletin board. ISN uses format P10.
Z-GET06A	Return information about an appointment, meeting, reminder or todo.

Name	Description
Z-GET06B	Return information about an appointment, meeting, reminder or todo, including the ISN of a calendar entry and the number of attached notes..
Z-GET06C	Return information about notes that are attached to an appointment or meeting.
Z-GET06D	Return the history of a meeting.
Z-GET06E	Return the meeting version and, if applicable, either the update or cancelation message.
Z-GET11	Return the description of a document.
Z-GET11C	Return a document, including cover notes and enclosed documents, into a text array.
Z-GET11D	Return a document, including cover notes, attached notes and enclosed documents, into a text array.
Z-GET11X	Return the description of a document. ISN uses format P10.
Z-GET27	Return information about a reference document.
Z-GET27A	Return information about a reference document (including information when and by whom it was last modified).
Z-GET33	Return the date and time formats of a user and the language in which the user works.
Z-GET33A	Return the work phone number of a user.
Z-GET33C	Return the date and time formats of a user, the language in which the user works, and the sliding window value (YSLW).
Z-GET74	Return information about an external node which uses either the transport service or the spool file.
Z-GETADR	Return the work and home address for a cabinet or nickname.
Z-GETAG	Return the text of an agenda that has been attached to an appointment, meeting or invitation.
Z-GETOBJ	Return the text lines of a user-defined object into a text array.
Z-GLOBAL	Return the contents of global variables in the Con-nect global data area GL-STD.
Z-IN11G2	Return the document information.
Z-IN11GX	Return the document information. ISN uses format P10.
Z-IN11U1	Update the document information.
Z-IN11UX	Update the document information. ISN uses format P10.
Z-INBKT	Return the number of items which are currently stored in the five files of the Inbasket.
Z-INF13	Return information about a specific folder or file. Also offers the possibility to modify the keywords and description of a folder or file.
Z-INFPR	Return the print defaults of a cabinet.
Z-INFPRA	Return the print defaults of a cabinet, including left margin and line wrapping.
Z-INOBG	Return information about a specific user-defined object.
Z-INOBU	Update information for a specific user-defined object.

Name	Description
Z-INVX	Return information about an invitation to a meeting or a cancelation message.
Z-LOGS	Return information about unsuccessful logon attempts to a cabinet.
Z-MAILA	Send an object.
Z-MAILAX	Send an object. ISN uses format P10.
Z-MCONFM	Confirm the invitations to a meeting.
Z-MEMCAB	Return a list of all cabinets and distribution lists in cabinet SYSCNT which have a specific cabinet as a member.
Z-MEMSHP	Return a list of shared and private cabinets that a user is allowed to use.
Z-MLDFLT	Modify the send defaults for a mail item that is to be sent with Z-MAILA.
Z-MLGETA	Return the mail status message of a specific user and the time range in which it is to appear.
Z-MLGETB	Return the mail status message of a specific user, the time range in which it is to appear and Cc information.
Z-MLGETC	Return the mail status message of a specific user, the time range in which it is to appear, whether date and time are to be hidden, and Cc information.
Z-MLSGET	Return the mail status message of a specific user.
Z-MOD01A	Modify a nickname for an address at an external node. Applies only to an external node which uses the spool file.
Z-MOD01B	Modify a nickname for an address at an external node, including last name and first name. Applies only to an external node which uses the spool file.
Z-MOD01C	Modify the work and home address for a cabinet or nickname, including last name, initial and first name of a cabinet, or last name and first name of a nickname.
Z-MOD01D	Modify the work and home address for a cabinet or nickname, including the Cc and Miscellaneous information.
Z-MOD01T	Modify a nickname for an address at an external node. Applies also to an external node which uses the transport service.
Z-MOD05A	Modify the date and time formats in the user profile of a specific cabinet.
Z-MOD05B	Modify the menu and overlay calendar information in the user profile of a specific cabinet.
Z-MOD05C	Modify the screen colors in the user profile of a specific cabinet.
Z-MOD05D	Modify the print defaults in the user profile of a specific cabinet.
Z-MOD05E	Modify the language code, default command sequence, blank substitute character and autosave interval in the user profile of a specific cabinet.
Z-MOD05F	Modify the cabinet profile of a specific cabinet.
Z-MOD05H	Modify the mail status message in the user profile of a specific cabinet.
Z-MOD05I	Modify the date and time formats and the sliding window (YSLW) value in the user profile of a specific cabinet.

Name	Description
Z-MOD05J	Modify the mail status message in the user profile of a specific cabinet, including Cc.
Z-MOD05K	Modify the print defaults (including left margin and wrapping of printed lines) in the user profile of a specific cabinet.
Z-MOD05L	Modify the mail status message in the user profile of a specific cabinet, including Cc. The time range can be hidden.
Z-MOD05M	Modify the language code, system folder names, default command sequence, blank substitute character and autosave interval in the user profile of a specific cabinet. Cabinet-ISN uses format P10.
Z-MOD06	Modify an appointment or meeting.
Z-MOD11	Modify the text of an existing document using data from a text array.
Z-MOD13	Modify the name, sorting sequence and/or description of a folder (including system folder or TRS folder) or of a file contained in it.
Z-MOD17	Authorize a user to use another private cabinet, or modify the profile of a user who is authorized to use another private cabinet.
Z-MOD27	Modify the description, keywords, writer and title of a reference document.
Z-MOD79	Modify a logical printer.
Z-MODADR	Modify the work and home address for a cabinet or nickname.
Z-MODPWD	Modify the password.
Z-NOTE	Maintain notepad pages.
Z-OPSEQ	Load the printer open sequence.
Z-PRI11	Print a Txt or Cnf document.
Z-PRI11F	Format and print a Cnf or Int document, or print a Txt document.
Z-PRI11G	Format and print a Cnf or Int document, or print a Txt document. You can specify the pages to be printed.
Z-PRI11I	Format and print a Cnf or Int document, or print a Txt document. You can control the printer and Con-form messages.
Z-PRI11X	Print a Txt or Cnf document. ISN uses format P10.
Z-PRI11Y	Format and print a Cnf or Int document, or print a Txt document. You can control the printer and Con-form messages. ISN uses format P10.
Z-REN05	Mark a cabinet for renaming purposes.
Z-REPLY	Reply to mail.
Z-SCAN11	Search for a specific character string (search value) in a document.
Z-SEARCH	Return a list of documents, reference documents, folders/files or user-defined objects, which have the specified keywords.
Z-SRCH03	Return a list of appointments or meetings which have the specified keywords.
Z-SRCH17	Return a list of all distribution lists containing a specific member.

Name	Description
Z-SRCHX	Return a list of documents, reference documents, folders/files or user-defined objects which have the specified search criteria (keywords and/or names).
Z-STIME	Return a list of time ranges in which all or most of the specified attendees and/or cabinets are available. Uses full quarters of an hour.
Z-STIME5	Return a list of time ranges in which all or most of the specified attendees and/or cabinets are available. Uses time slides consisting of 5 minutes.
Z-TRACNF	Translate an RFT (revisable form text DCA) document. The document format of the resulting document is Cnf.
Z-TRADCA	Translate a Cnf document. The document format of the resulting document is RFT (revisable form text DCA).
Z-TRAI NT	Translate a Cnf document. The document format of the resulting document is Int (intermediate).
Z-TRS11	File a document into a TRS folder and invert the document. Or move a document from one TRS folder to another TRS folder.
Z-TRSCL	Close the TRS buffer.
Z-TRSOP	Open the TRS buffer.
Z-UNDO	Undo addressees of a mail item, including invitations to a meeting.
Z-VARSYM	Return a list of all variables appearing in a document text.
Z-VARX	Return a list of all variables appearing in a document text (enhanced functionality).