

Bussola per i navigatori di IBM i

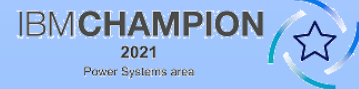
knowledge center & c.



Marco Riva



www.markonetools.it



Ultimo aggiornamento: 19/02/2021

Home page knowledge center

➤ <https://www.ibm.com/support/knowledgecenter/>

IBM Knowledge Center

Search IBM Knowledge Center

IBM Knowledge Center

Home of IBM product documentation

Search product documentation, reference, video, and more...

Need help?

Take a tour

Find your product documentation

Select a product

Popular documentation

IBM Cloud Paks documentation

Explore product trials

IT infrastructure documentation

Power coffee - MK1

Le ultime release di IBM i

- ▶ i 7.4:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_74/rzahg/welcome.htm
- ▶ i 7.3:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_73/rzahg/welcome.htm
- ▶ i. 7.2:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_72/rzahg/ic-homepage.htm
- ▶ i 7.1:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_71/welcome.html



Knowledge Center – home page

IBM Knowledge Center

Home > IBM i 7.4 >

IBM i 7.4 documentation

Table of Contents Change version or product

Search in all products Search in this product...

Print PDF Help Take a tour

Welcome to the IBM® i 7.4 documentation, where you can find information about how to install, maintain, and use the IBM i.

- Getting started**
 - IBM i overview and what's new
 - Basic system operations
 - Memo to users
 - Frequently asked questions
 - PDF files and manuals
 - Db2 Mirror
 - Db2 for i overview
 - IBM Power Systems Hardware Information Center
- Common tasks**
 - APIS
 - CL commands
 - Db2 for i SQL reference
 - IBM i (SQL) services
 - ILE RPG reference
 - Installing, upgrading, or deleting IBM i and related software
 - Journal entry information finder
 - DDS keyword finder
- Troubleshooting and support**
 - Troubleshooting and support
 - IBM Support Portal
 - Fixes
 - IBM i Technical topics
 - IBM i Wiki
 - RPG Cafe
 - IBM Software Support home page
- More information**
 - Education assistant
 - IBM articles, tutorials, and technical resources for IBM i users
 - IBM i Redbooks
 - You and i Blog
 - i Can Blog
 - IBM i on Twitter

sommario

info di base

tutti i PDF

il DB2

modificare la release

i manuali di riferimento e i finder

ricerca libera



Knowledge center – sommario e esportazione

The screenshot shows the IBM Knowledge Center interface. At the top, the breadcrumb navigation reads 'Home > IBM i 7.4 > Database >'. The main heading is 'Database overview'. A dropdown menu is open, showing a 'Table of Contents' with the following items:

- IBM i 7.4 documentation
- + About IBM i information
- + Availability
- + Basic system operations
- + Connecting to your system
- Database
 - PDF files for Database
 - Database overview
 - PDF file for Database overview
 - DB2 for IBM i
 - Terminology: SQL versus traditional file access
- + Getting started with System i Navigator
- + System i Navigator database tasks
- + Getting started with SQL
- Database information finder

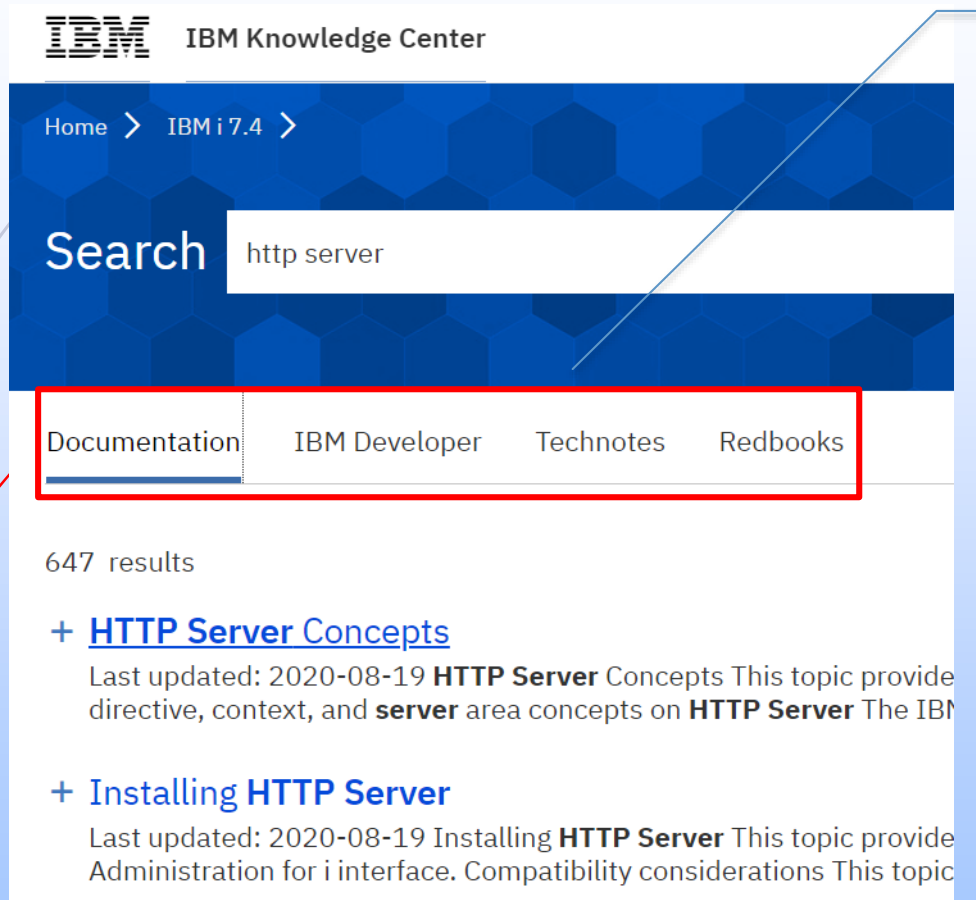
Below the menu, the main content area shows a list of articles, including 'PDF file for Database overview', 'DB2 for IBM i', and 'Terminology: SQL versus traditional file access'. A red arrow points from the 'Table of Contents' dropdown to the 'Database overview' item.

This close-up shows the bottom of the page. It includes a search bar with the text 'Search in this product...' and a magnifying glass icon. Below the search bar are several action buttons: 'Print', 'PDF' (with a dropdown arrow), 'Help', and 'Take a tour'. A red arrow points from the 'PDF' button to a callout box.

N.B. esportazione in PDF è in versione beta



Knowledge center - ricerca



IBM Knowledge Center

Home > IBM i 7.4 >

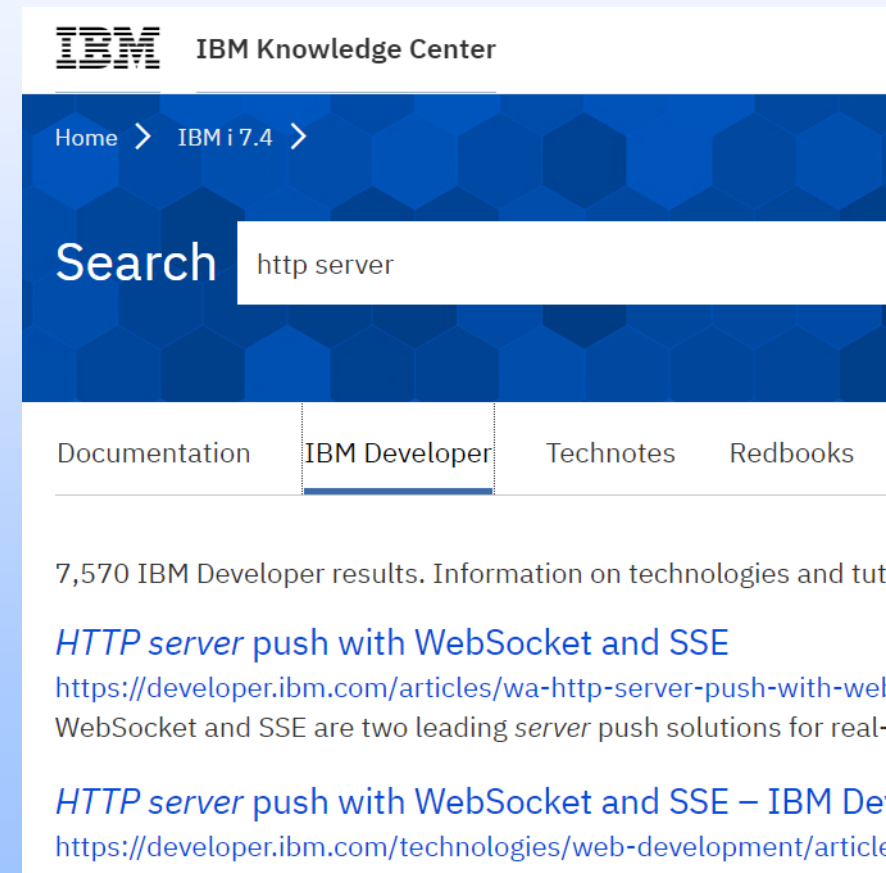
Search

Documentation | IBM Developer | Technotes | Redbooks

647 results

- + [HTTP Server Concepts](#)
Last updated: 2020-08-19 **HTTP Server** Concepts This topic provide directive, context, and **server** area concepts on **HTTP Server** The IBM
- + [Installing HTTP Server](#)
Last updated: 2020-08-19 Installing **HTTP Server** This topic provide Administration for i interface. Compatibility considerations This topic

ambito di ricerca



IBM Knowledge Center

Home > IBM i 7.4 >

Search

Documentation | **IBM Developer** | Technotes | Redbooks

7,570 IBM Developer results. Information on technologies and tut

- [HTTP server push with WebSocket and SSE](https://developer.ibm.com/articles/wa-http-server-push-with-websocket-and-sse)
<https://developer.ibm.com/articles/wa-http-server-push-with-websocket-and-sse>
WebSocket and SSE are two leading *server* push solutions for real-
- [HTTP server push with WebSocket and SSE – IBM De](https://developer.ibm.com/technologies/web-development/article)
<https://developer.ibm.com/technologies/web-development/article>

Knowledge center – altre risorse

[Fix central](#)
download
aggiornamenti

[IBM i developer](#)

[IBM i community](#)

[RPG cafe](#)
articoli tecnici con le
ultime novità

[Supporto](#)
aprire e gestire i casi di
supporto per assistenza

The screenshot shows two panels from the IBM i Knowledge Center. The left panel, titled 'Troubleshooting and support' with a ribbon icon, lists: 'Troubleshooting and support', 'IBM Support Portal', 'Fixes', 'IBM i Technical topics', 'IBM i Wiki', 'RPG Cafe', and 'IBM Software Support home page'. The right panel, titled 'More information' with an information icon, lists: 'Education assistant', 'IBM articles, tutorials, and technical resources for IBM i users', 'IBM i Redbooks', 'You and i Blog', 'i Can Blog', and 'IBM i on Twitter'.

[IBM i developer](#)

[download
Redbooks](#)

[blog](#) TechChannel
(Steve Will)

[blog](#) TechChannel
(Dawn May)

Knowledge center - finder

- API: https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_74/apifinder/finder.htm
- CL: https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_74/clfinder/finder.htm
- Journal entry:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_74/rzaru/rzarufinder.htm
- DDS keyword:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_74/rzarv/rzarvfinder.htm
- SQL messages:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_74/rzas2/rzas2finder.htm
- System values:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_74/rzas4/rzas4finder.htm
- IPL SRC:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_74/rzas5/rzas5iplsrcfinder.htm
- Toolbox for Java class:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_74/rzas6/rzas6finder.htm
- Database information:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_74/rzatd/rzatdfinder.htm

Le release più datate

- ▶ i 6.1:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_61/welcome.html
- ▶ V5R4:
https://www.ibm.com/support/knowledgecenter/ssw_i5_54/welcome.html
- ▶ V5R3:
https://www.ibm.com/support/knowledgecenter/ssw_ibm_i_53/pdf/welcome.htm





Power

- ▶ Power 9: <https://www.ibm.com/support/knowledgecenter/POWER9/p9hdx/POWER9welcome.htm>
- ▶ Power 8: <http://www-01.ibm.com/support/knowledgecenter/POWER8/p8hdx/POWER8welcome.htm>
- ▶ Power 7: <https://www.ibm.com/support/knowledgecenter/POWER7/p7hdx/POWER7welcome.htm>

The screenshot shows the IBM Knowledge Center interface. At the top left is the IBM logo and the text "IBM Knowledge Center". On the right side of the header, there are icons for user profile and a menu. Below the header, a breadcrumb trail reads "Home > POWER9 >". The main heading is "POWER9™ systems information". To the right of the heading is a search bar with the text "Search in all products" and a search icon. Below the heading, there are navigation options: "Table of Contents" and "Change product". At the bottom right, there are icons for "Print", "PDF", "Help", and a "Take a tour" button.



Rational Developer for i: RDi hub

<https://www.ibm.com/support/pages/node/1105665>

IBM Rational Developer for i Welcome Support Product & Fixes ▾ Get Help ▾ Skills & Training Learn more ▾

forum Q & A

Announcements

New! Rational Developer for i 9.6.0.7

See list of changes by release: [Fix list for RDi](#)

- [Video Blog on RDi 9.6.0.7! \(watch video\)](#)
- [RDi 9.6.0.2 PDM Perspective \(watch video\)](#)
- [RDi 9.6 Announcement \(view article\)](#)
- [RDi 9.6 What's new? \(view presentation\)](#)
- **Brian May**, [Features You Should Be Using \(view article\)](#)

Learning

Hands-on labs and training for RDi

Susan Gantner

- [Code Coverage \(view article\)](#)
- [New features in RDi \(watch video\)](#)
- [RSE Quick Start Guide \(view article\)](#)

Charlie Guarino

- [Refactoring \(watch video\)](#)
- [RSE RPG Compare \(watch video\)](#)
- [RDi Videos \(watch videos\)](#)

Joe Pluta, [Practical RDi \(view article\)](#)

Ted Holt, [Refactoring procedures \(view article\)](#)

Edmund Reinhardt, [RDi Playlist \(watch videos\)](#)

Product pages

[IBM Rational Developer for i product page](#)

[RDi Hub Forum](#)

[Support portal for RDi](#)

[RDi Product Evolution page](#)

[RDi Trial Download page](#)

[Fix list for RDi](#)

[Search the IBM RFE Community](#)

ultime novità

per imparare

download

download
aggiornamenti

Power coffee - MK1

RDi: guida in linea

- ▶ Tramite **F1** è sempre possibile accedere alla guida contestuale

The screenshot shows the IBM Rational Developer for i environment. On the left, a code editor displays ILE RPG code with a red box around the `%lookup` function call. A red arrow points from this box to the **F1** key on a keyboard. On the right, a search window titled "? - IBM Rational Developer for i" is open, showing the search results for `%LOOKUPxx (Look Up an Array Element)`. The search results include a list of functions and a detailed description of the `%LOOKUP` function, including its syntax and usage examples.

```
dcl-ds Log dim(3) qualified;
Codice char(15)
Qta packed(13)
end-ds;

dcl-s i uns(3) i;

// M.P. Questa r
// file
// etc. manuale
i = %lookup(*blan
:Log

if i = *zeros;
  *inlr = *on;
  return;
endif;

Log(i).Codice =
monitor;
Log(i).Qta = L
on-error;
Log(i).Qta = 1
endmon;

return;
```

Ricerca: Vai [Ambito:](#) Tutti gli argomenti

Contenuto

- %ALLOC (Allocate Storage)
- %BITAND (Bitwise AND)
- %BITNOT (Invert Bits)
- %BITOR (Bitwise OR)
- %BITXOR (Bitwise Exclusive OR)
- %CHAR (Convert to Character)
- %CHECK (Check Character)
- %CHECKR (Check Reverse)
- %DATA (document)
- %DATE (Convert to Date)
- %DAYS (Number of Days)
- %DEC (Convert to Packed Decimal)
- %DECH (Convert to Packed Decimal)
- %DECPOS (Get Number of Decimal Positions)
- %DIFF (Difference Between)
- %DIV (Return Integer Division)
- %EDITC (Edit Value Using Character)

ILE RPG Reference > ILE RPG Reference > Operations, Expressions, and Functions > Built-in Functions

%LOOKUPxx (Look Up an Array Element)

```
%LOOKUP(arg : array | keyed_array_DS {: start_index {:
number_of_elements}))
%LOOKUPLT(arg : array {: start_index {: number_of_elements}))
%LOOKUPGE(arg : array {: start_index {: number_of_elements}))
%LOOKUPGT(arg : array {: start_index {: number_of_elements}))
%LOOKUPLE(arg : array {: start_index {: number_of_elements}))
```

The following functions return the array index of the item in the array that matches that matches *arg*. %LOOKUP can also be used to return the array index of the item in a keyed array data structure.

%LOOKUP

An exact match.

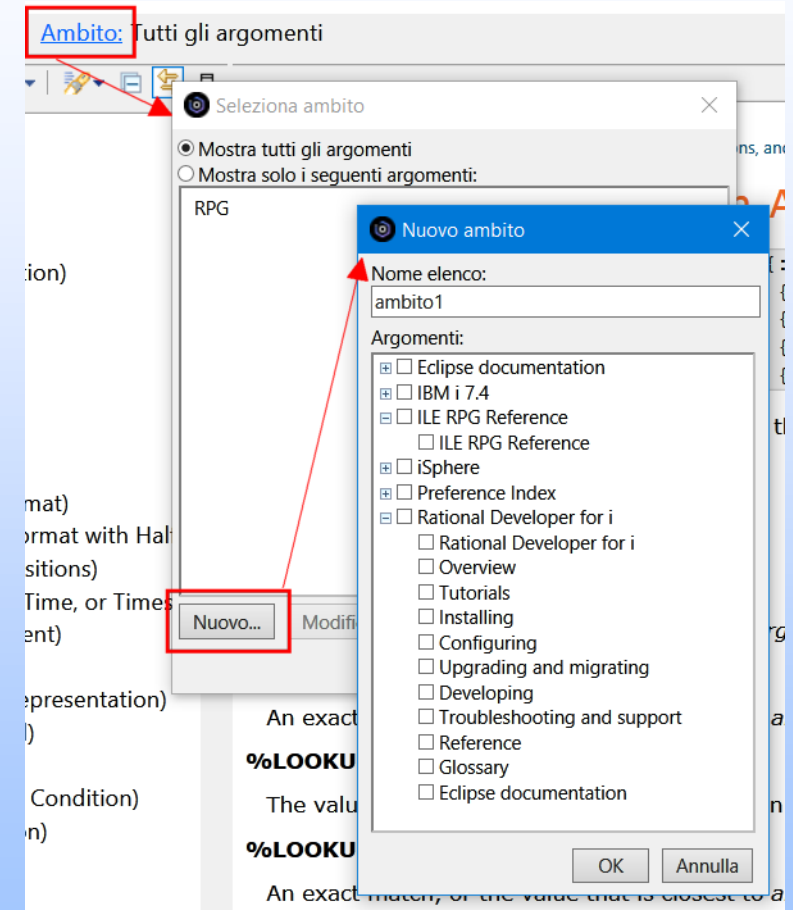
%LOOKUPLT

The value that is closest to *arg* but less than *arg*.



RDi: ambiti di ricerca

- ▶ Cliccando su Ambito si può selezionare un sottoinsieme di argomenti in modo che la ricerca libera sia più mirata al proprio interesse
- ▶ Cliccando su Nuovo è possibile creare uno o più ambiti preferiti



RDi: i segnalibri

aggiungere un segnalibro

The screenshot shows the IBM Rational Developer for i interface. The top pane is titled "Segnalibri" (Bookmarks) and contains a single bookmark: "%LOOKUPxx (Look Up an Array Element)". The bottom pane displays the help page for "%LOOKUPxx (Look Up an Array Element)". The help page includes the following code snippets:

```
%LOOKUP(arg : array | keyed_array_DS {: start_index {: number_of_elements}})
%LOOKUPLT(arg : array {: start_index {: number_of_elements}})
%LOOKUPGE(arg : array {: start_index {: number_of_elements}})
%LOOKUPGT(arg : array {: start_index {: number_of_elements}})
%LOOKUPLE(arg : array {: start_index {: number_of_elements}})
```

The help page also contains the following text:

The following functions return the array index of the item in the array that matches that matches *arg*. %LOOKUP can also be used to return the array index of the item in a keyed array data structure.

%LOOKUP
An exact match.

%LOOKUPLT
The value that is closest to *arg* but less than *arg*.

%LOOKUPLE
An exact match, or the value that is closest to *arg* but less than *arg*.

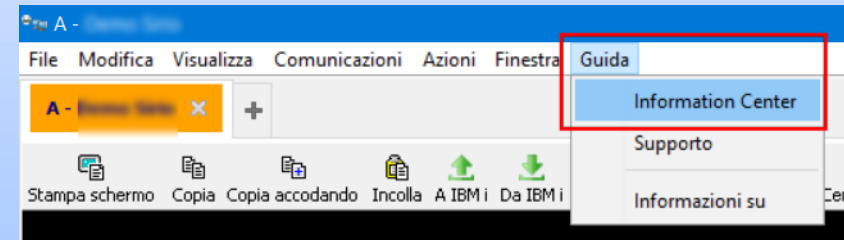
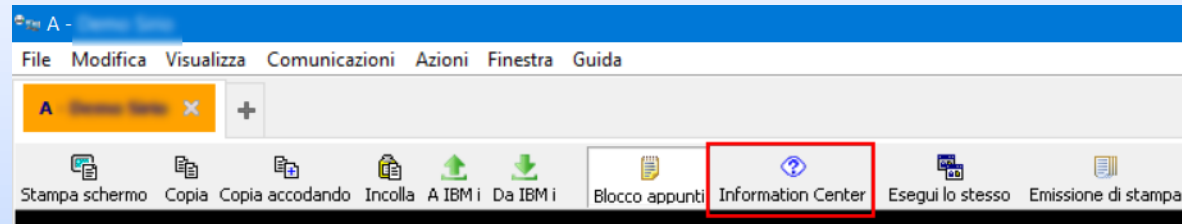
visualizzare i segnalibri salvati



14

Access Client Solutions (ACS): help

- Dalla barra strumenti o dal menu Guida di una sessione 5250 di ACS si ha un accesso diretto al knowledge center di ACS



15

Altri link utili

- ▶ IBM i technical resource roadmap: <https://developer.ibm.com/components/ibm-i/articles/ibm-i-resources-roadmap/>
- ▶ IBM i Access: <https://www.ibm.com/support/pages/node/633795>



Publications & Blogs

- ▶ FAQ400: <https://blog.faq400.com/it/>
- ▶ IBM i updates: <https://www.ibmupdates.com/>
- ▶ IT Jungle: <https://www.itjungle.com/>
- ▶ TechChannel (old IBM Systems Magazine): <https://techchannel.com/ibm-i/>
- ▶ Simon Hutchinson: <https://www.rpgpgm.com/>
- ▶ Scott Forstie: <https://gist.github.com/forstie>
- ▶ MC Press online: <https://www.mcpressonline.com/>
- ▶ Scott Klement: <http://www.scottklement.com/>
- ▶ Bryan Meyers: <https://enskill.com/>
- ▶ Code400: <https://code400.com/blog/>
- ▶ FormaServe: <https://learning.formaserve.co.uk/>
- ▶ Jon Paris e Susan Gantner: <https://authory.com/JonParisandSusanGantner>
- ▶ Zenovalle: <https://blog.zenovalle.it/>

... e molto altro



Riferimenti



➤ E-mail aziendale: mriva@sirio-is.it



➤ Blog: www.markonetools.it



➤ E-mail blog: info@markonetools.it



➤ LinkedIn: www.linkedin.com/in/marcoriva-mk1



➤ Twitter: [@MarcoRiva73](https://twitter.com/MarcoRiva73)



➤ Facebook: <https://www.facebook.com/markonetools/>



➤ YouTube: <https://www.youtube.com/channel/UCb47YJOJCzU-5x4nnGzDu-w>

Power coffee - MK1



18