

🚀 Meet Sembly 2.0 (New): AI Artifacts, Multi-Meeting Chats, and AI Insights! [Learn more](#)

# Meeting Notes is just the beginning

AI meeting notes, tasks, and more sent automatically to your favorite apps

[Try it FREE](#)[Request a demo](#)

# Highly Rated Ai Meeting Notes Generator For Beginners For Moms

**R Pring**



**Highly Rated Ai Meeting Notes Generator For Beginners For Moms:**

Power ,1927     Heating and Ventilation ,1899     **Electrical World** ,1909     The American Gas Light Journal ,1897  
**Journal of Electricity** ,1913     **Annual Report and Financial Statement and Minutes of Annual Meeting**  
Institute of Marine Engineers,1944 Includes Annual report     **Electrical Engineer** ,1897     *Electrical West* ,1909  
**Proceedings of the American Institute of Electrical Engineers** ,1920     **Journal of the American Institute of**  
**Electrical Engineers** American Institute of Electrical Engineers,1920 Includes preprints of Transactions of the American  
Institute of Electrical Engineers ISSN 0096 3860     Railway Age ,1919     **Power and The Engineer** ,1918     *Gas Age*  
,1901 Includes summaries of proceedings and addresses of annual meetings of various gas associations L C set includes an  
index to these proceedings 1884 1902 issued as a supplement to Progressive age Feb 15 1910     **Iron and Steel Engineer**  
,1927 Contains the proceedings of the Association     *Railway Electrical Engineer* ,1916     *American Miller* ,1920  
**American Carbonator and American Bottler** ,1920     **Journal of Electricity, Power, and Gas** ,1913     *Telephony*  
,1908     **Naval Engineers Journal** ,1992

Ignite the flame of optimism with Get Inspired by is motivational masterpiece, Fuel Your Spirit with **Highly Rated Ai Meeting Notes Generator For Beginners For Moms** . In a downloadable PDF format ( Download in PDF: \*), this ebook is a beacon of encouragement. Download now and let the words propel you towards a brighter, more motivated tomorrow.

<https://pinehillpark.org/book/browse/index.jsp/how%20to%20start%20ai%20productivity%20tools%20for%20beginners%202025.pdf>

## **Table of Contents Highly Rated Ai Meeting Notes Generator For Beginners For Moms**

1. Understanding the eBook Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - The Rise of Digital Reading Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - Advantages of eBooks Over Traditional Books
2. Identifying Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - User-Friendly Interface
4. Exploring eBook Recommendations from Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - Personalized Recommendations
  - Highly Rated Ai Meeting Notes Generator For Beginners For Moms User Reviews and Ratings
  - Highly Rated Ai Meeting Notes Generator For Beginners For Moms and Bestseller Lists
5. Accessing Highly Rated Ai Meeting Notes Generator For Beginners For Moms Free and Paid eBooks
  - Highly Rated Ai Meeting Notes Generator For Beginners For Moms Public Domain eBooks
  - Highly Rated Ai Meeting Notes Generator For Beginners For Moms eBook Subscription Services
  - Highly Rated Ai Meeting Notes Generator For Beginners For Moms Budget-Friendly Options

6. Navigating Highly Rated Ai Meeting Notes Generator For Beginners For Moms eBook Formats
  - ePub, PDF, MOBI, and More
  - Highly Rated Ai Meeting Notes Generator For Beginners For Moms Compatibility with Devices
  - Highly Rated Ai Meeting Notes Generator For Beginners For Moms Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - Highlighting and Note-Taking Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - Interactive Elements Highly Rated Ai Meeting Notes Generator For Beginners For Moms
8. Staying Engaged with Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Highly Rated Ai Meeting Notes Generator For Beginners For Moms
9. Balancing eBooks and Physical Books Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Highly Rated Ai Meeting Notes Generator For Beginners For Moms
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - Setting Reading Goals Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - Fact-Checking eBook Content of Highly Rated Ai Meeting Notes Generator For Beginners For Moms
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements

- Interactive and Gamified eBooks

### Highly Rated Ai Meeting Notes Generator For Beginners For Moms Introduction

Highly Rated Ai Meeting Notes Generator For Beginners For Moms Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Highly Rated Ai Meeting Notes Generator For Beginners For Moms Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Highly Rated Ai Meeting Notes Generator For Beginners For Moms : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Highly Rated Ai Meeting Notes Generator For Beginners For Moms : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Highly Rated Ai Meeting Notes Generator For Beginners For Moms Offers a diverse range of free eBooks across various genres. Highly Rated Ai Meeting Notes Generator For Beginners For Moms Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Highly Rated Ai Meeting Notes Generator For Beginners For Moms Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Highly Rated Ai Meeting Notes Generator For Beginners For Moms, especially related to Highly Rated Ai Meeting Notes Generator For Beginners For Moms, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Highly Rated Ai Meeting Notes Generator For Beginners For Moms, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Highly Rated Ai Meeting Notes Generator For Beginners For Moms books or magazines might include. Look for these in online stores or libraries. Remember that while Highly Rated Ai Meeting Notes Generator For Beginners For Moms, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Highly Rated Ai Meeting Notes Generator For Beginners For Moms eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Highly Rated Ai Meeting Notes Generator For Beginners For Moms full book , it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Highly Rated Ai

Meeting Notes Generator For Beginners For Moms eBooks, including some popular titles.

### **FAQs About Highly Rated Ai Meeting Notes Generator For Beginners For Moms Books**

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Highly Rated Ai Meeting Notes Generator For Beginners For Moms is one of the best book in our library for free trial. We provide copy of Highly Rated Ai Meeting Notes Generator For Beginners For Moms in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Highly Rated Ai Meeting Notes Generator For Beginners For Moms. Where to download Highly Rated Ai Meeting Notes Generator For Beginners For Moms online for free? Are you looking for Highly Rated Ai Meeting Notes Generator For Beginners For Moms PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Highly Rated Ai Meeting Notes Generator For Beginners For Moms. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Highly Rated Ai Meeting Notes Generator For Beginners For Moms are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Highly Rated Ai Meeting Notes Generator For Beginners For Moms. So depending on what exactly you are searching, you will be able to choose e books to suit your own

need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Highly Rated Ai Meeting Notes Generator For Beginners For Moms To get started finding Highly Rated Ai Meeting Notes Generator For Beginners For Moms, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Highly Rated Ai Meeting Notes Generator For Beginners For Moms So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Highly Rated Ai Meeting Notes Generator For Beginners For Moms. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Highly Rated Ai Meeting Notes Generator For Beginners For Moms, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Highly Rated Ai Meeting Notes Generator For Beginners For Moms is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Highly Rated Ai Meeting Notes Generator For Beginners For Moms is universally compatible with any devices to read.

### **Find Highly Rated Ai Meeting Notes Generator For Beginners For Moms :**

[how to start ai productivity tools for beginners 2025](#)

[how to start ai slideshow maker tips for teens in america](#)

[how to start ai transcription tool for busy professionals](#)

[how to start ai video generator for beginners for millennials](#)

[how to start best cities for remote workers tips in 2025](#)

[how to start chatgpt for blogging tips for freelancers](#)

**how to start ai transcription tool ideas online**

[how to start ai video generator in the united states](#)

~~[how to start ai tools for content creators for dads in america](#)~~

[how to start ai tools for students usa](#)

~~[how to start ai video editing software tips for seniors](#)~~

[how to start ai website builder for beginners for moms](#)

**how to start ai image upscaler tips for teens in america**



how to start ai writing tool for high school students

how to start ai note taking app tips for dads in america

### **Highly Rated Ai Meeting Notes Generator For Beginners For Moms :**

*the mindfulness and acceptance workbook for teen anxiety* - Jan 08 2023

web oct 1 2018 move past anxiety and discover what really matters to you written by three experts in teen mental health

this powerful workbook offers evidence based activities

mindfulness acceptance for teen anxiety pdf google drive - Dec 27 2021

web in mindfulness workbook for teens each page provides a prompt for allowing your creativity to shine through from coloring in and thought provoking questions to freedom

**the mindfulness and acceptance workbook for teen anxiety** - Jul 14 2023

web the mindfulness and acceptance workbook for teen anxiety by turrell mccurry and bell is an excellent resource for anxious teens and the adults who want to help them

**the mindfulness and acceptance workbook for anxiety** - Feb 09 2023

web written by three very experienced acceptance and commitment therapy act clinicians the mindfulness and acceptance workbook for teen anxiety is highly engaging

**the mindfulness and acceptance workbook for teen anxiety** - Feb 26 2022

web aug 27 2023 the mindfulness and acceptance workbook for teen anxiety activities to help you overcome fears and worries using acceptance and commitment therapy

*the mindfulness and acceptance workbook for anxiety a* - Jul 02 2022

web shop the mindfulness and acceptance workbook for teen anxiety activities to help you overcome fears and worries using acceptance and commitment therapy instant

*the mindfulness and acceptance workbook for teen* - Aug 15 2023

web oct 1 2018 written by three experts in teen mental health this powerful workbook offers evidence based activities grounded in acceptance and commitment therapy act to

*the mindfulness and acceptance workbook for teen* ubuy turkey - Mar 30 2022

web view details request a review learn more

*the mindfulness and acceptance workbook for teen anxiety* - Mar 10 2023

web jan 24 2020 the mindfulness and acceptance workbook for teen anxiety activities to help you overcome fears and worries using acceptance and commitment therapy

the mindfulness and acceptance workbook for teen - Sep 23 2021

**the mindfulness and acceptance workbook for teen** - Dec 07 2022

web written by three experts in teen mental health this powerful workbook offers proven effective activities grounded in acceptance and commitment therapy act to help

**the mindfulness and acceptance workbook for teen anxiety** - Apr 30 2022

web the videos are based on and correspond to the chapters in our teen self help book the mindfulness and acceptance workbook for teen anxiety turrell mccurry bell

**the mindfulness and acceptance workbook for teen** - Apr 11 2023

web written by three experts in teen mental health this powerful workbook offers evidence based activities grounded in acceptance and commitment therapy act to help you

**the mindfulness and acceptance workbook for teen anxiety** - Jun 13 2023

web the mindfulness and acceptance workbook for teen anxiety activities to help you overcome fears and worries using acceptance and commitment therapy instant

*the mindfulness and acceptance workbook for anxiety a guide* - Jun 01 2022

web jun 12 2022 the mindfulness and acceptance workbook for teen anxiety self care mindfulness and positivity journal life skills mental health and wellness improve

**the mindfulness and acceptance workbook for teen anxiety** - Nov 06 2022

web isbn 9781684031153 item number 8648 17 99 add to cart overview written by three experts in teen mental health this powerful workbook offers evidence based activities

*the mindfulness and acceptance workbook for teen anxiety* - Nov 25 2021

**the mindfulness and acceptance workbook for teen anxiety** - Oct 05 2022

web apr 14 2020 summary of the mindfulness and acceptance workbook for anxiety a guide to breaking free from anxiety phobias and worry using acceptance and

the mindfulness and acceptance workbook for self esteem - Oct 25 2021

**mindfulness and acceptance for teen anxiety youtube** - Jan 28 2022

web the mindfulness and acceptance workbook for self esteem using acceptance and commitment therapy to move beyond negative self talk and embrace self compassion by joe oliver and richard bennett foreword by russ harris published by new

harbinger publications imprint new harbinger publications

the mindfulness and acceptance workbook for teen - May 12 2023

web oct 1 2018 written by three experts in teen mental health this powerful workbook offers evidence based activities grounded in acceptance and commitment therapy act to

**the mindfulness and acceptance workbook for teen anxiety** - Sep 04 2022

web apr 1 2016 the mindfulness and acceptance workbook for anxiety a guide to breaking free from anxiety phobias and worry using acceptance and commitment

**the mindfulness and acceptance workbook for teen anxiety** - Aug 03 2022

web written by three experts in teen mental health this powerful workbook offers evidence based activities grounded in acceptance and commitment therapy act to help you

*sustainable tourism has a high price tag but hey it s the only* - Jan 26 2023

web oct 30 2023 it was hailed as a model of sustainable tourism and sparked comments from a number of its long time visitors to exclaim that it was the boracay they had fallen in love with 20 years earlier

**what are some benefits of tourism in the philippines** - May 30 2023

web jul 31 2023 tourism in the philippines boosts the economy through job creation and revenue generation it promotes cultural exchange aids community development and fosters entrepreneurship it also contributes to environmental conservation stimulates the growth of wellness tourism and encourages a healthy lifestyle

*home love the philippines welcome to the dot s corporate site* - Aug 01 2023

web sep 29 2023 tourism in the philippines philippine tourism industries doing business in ph explore by interest beach resorts cruise festival events golf courses national parks scuba diving hiking trekking urban attractions yachting marinas national ecotourism sites tourism videos your browser does not support html5

**making ph a top cruise destination msn** - Dec 25 2022

web 2 days ago last oct 16 the philippines bagged for the first time the title of best cruise destination in asia during the prestigious world cruise awards in dubai united arab emirates beating rivals

*pdf tourism in the philippines conclusions and implications* - Mar 28 2023

web sep 28 2022 tourism plays a significant role in the philippines socio economic development however an array of management issues persists in achieving the desired sustainable and inclusive development

15 best tourist spots in the philippines beaches diving spots - Jun 30 2023

web 15 best tourist spots in the philippines beaches diving spots rivers waterfalls historic sites by grayson yañez verified expert if tropical islands beautiful landscapes and unending adventures are on your bucket list for a holiday trip then you

have found a gem of a destination with the philippines

**tourism in the philippines wikipedia** - Oct 03 2023

web tourism is an important sector for the philippine economy the travel and tourism industry contributed 6.2 to the country's gdp in 2022 this was lower than the 12.7 recorded in 2019 prior to the covid 19 lockdowns

*tourism industry in the philippines statistics facts statista* - Sep 02 2023

web jun 28 2023 overview economic impact inbound tourism domestic tourism outbound tourism accommodation editor's picks current statistics on this topic travel tourism hospitality gross value

**tourism in the philippine society conclusions and looking forward** - Feb 24 2023

web oct 7 2022 tourism in the philippine society conclusions and looking forward authors richard s aquino university of canterbury brooke a porter abstract this edited book uncovered some of the

**philippines amps up dive tourism offerings ttg asia** - Apr 28 2023

web oct 31 2023 indeed the dot reported that foreign dive visitors last year contributed 37 billion pesos us 651.41 million or over 17.5 per cent of the philippines total tourism receipts philippines as a divers paradise is strong in europe and north asia given the endless possibilities in the country with over 7 000 islands as well as its location

**icao 9841 manual on the approval of training organizations** - Mar 11 2023

web jan 1 2018 the purpose of this document is to provide information and guidance to the licensing authority on the implementation of the standards of annex 1 personnel licensing related to the approval of training organizations as well as the associated provisions in the procedures for air navigation services training pans trg doc 9868

**training documents training icao store** - Mar 31 2022

web manual manual on the approval of training organizations doc 9841 3rd edition usd 96.00 manual training development guide competency based training methodology doc 9941 1st edition 2011 usd 220.00 manual training instructors guide doc 10097 1st edition 2021 usd 171.00

*icao 9841 manual on the approval of flight crew training* - Jun 02 2022

web document number icao 9841 revision level 3rd edition status current publication date jan 1 2018

*training development guide international civil aviation* - Dec 28 2021

web training development guide now available for purchase click here to purchase your copy the icao document doc 9941 trainair plus training development guide tdg provides the aviation industry with a methodology

**icao 9841 manual on the approval of training organizations** - Jan 09 2023

web icao 9841 3rd edition 2018 manual on the approval of training organizations foreword the purpose of this document is to provide information and guidance to the licensing authority on the implementation of the standards of annex 1 personnel

licensing related to the approval of training organizations as well as the associated

**trainair plus operations manual international civil aviation** - Jul 15 2023

web icao training package itp a training package produced by icao or a regional training centre of excellence rtce in accordance with the training development guide competency based training methodology doc 9941 or an equivalent instructional systems design isd

*bundle doc 9841 edition 3 manual on the approval of training* - Feb 10 2023

web documents this document provides information and guidance to the licensing authority on the implementation of annex 1 standards related to the approval of training organizations

*manual on the approval of training organizations doc 9841 an* - Aug 04 2022

web dec 7 2015 the first editi strong on strong strong of strong strong doc strong strong 9841 strong was developed by strong the strong flight crew licensing and strong training strong panel in 2004 and was focused exclusively strong on strong flighttraining entities

*guidance for air traffic control approved training organization approval* - Feb 27 2022

web this document provides guidance on the expectations of the bcaa when considering such approval and primarily references icao doc 9841 manual on the approval of training organizations and pans trg doc 9868 procedures for air navigation services training chapter 1 general provisions scope 1 1

**download doc 9841 manual on the approval of flight crew** - Jul 03 2022

web download doc 9841 manual on the approval of flight crew training organizations preliminary ed this document was uploaded by user and they confirmed that they have the permission to share it if you are author or own the copyright of this book please report to us by using this dmca report form report dmca

**manual on the approval of training organizations doc 9841 icao** - Aug 16 2023

web notes for digital publications more information sku doc 09841 003 01 order no 9841 isbn 978 92 9258 394 1

*doc 9841 edition 3 manual on the approval of training* - Jun 14 2023

web approved by and published under the authority of the secretary general international civil aviation organization doc 9841 manual on the approval of training organizations third edition

**9841 manual on the approval of flight crew training scribd** - Oct 06 2022

web icao preliminary unedited version 1 august 2005 iv foreword the purpose of this document is to provide information and guidance to the licensing authority on the implementation of the annex 1 standards related to the

*trainair plus international civil aviation organization icao* - May 13 2023

web accordance with the icao training development guide doc 9941 tpp evaluator a training specialist who is approved by the

chief ast as having the required competencies to conduct an icao trainair plus 3 stage

**assembly 39th session international civil aviation organization icao** - Dec 08 2022

web of a license under icao annex 1 personnel licensing guidance for approval of atos is given in doc 9841 wherein it is stated that approval of an ato located outside a state s territory involves full scope approval actions unless a bilateral agreement exists with supplementary oversight conditions this

**recognition of training organizations international civil aviation** - Apr 12 2023

web manual on the approval of training organizations icao doc 9841 trainair plus training development guide competency based training methodology icao doc 9941 the assessment covers the following eight 8 critical areas of the operations of a training organization assessment process the assessment process covers four distinct

**icao doc 9841 afeonline com** - May 01 2022

web icao doc 9841 manual on the approval of flight crew training organisations ed 3 2018 this document provides information and guidance to the licencing authority on the implementation of annex 1 standards related to the approval of doc series international civil aviation organization icao - Jan 29 2022

web technical instructions for the safe transport of dangerous goods by air doc 9303 machine readable travel documents doc 9562 airport economics manual doc 9585 agreement on the joint financing of certain air navigation services in greenland 1956 as amended in 1982 and 2008 doc 9586

**manual on the approval of training organizations searchworks** - Nov 07 2022

web icao doc 9841 an 456 2nd ed note 2012 unknown icao doc 9841 an 456 ed 3 note 2018 unknown more options find it at other libraries via worldcat limited preview top subjects info browse bottom description subjects subjects air pilots training of handbooks manuals etc flight attendants

manual on the approval of training organizations doc 9841 an - Sep 05 2022

web manual on the approval of training organizations doc 9841 an 456 read more about procedures appendix licensing manual ensure and atos