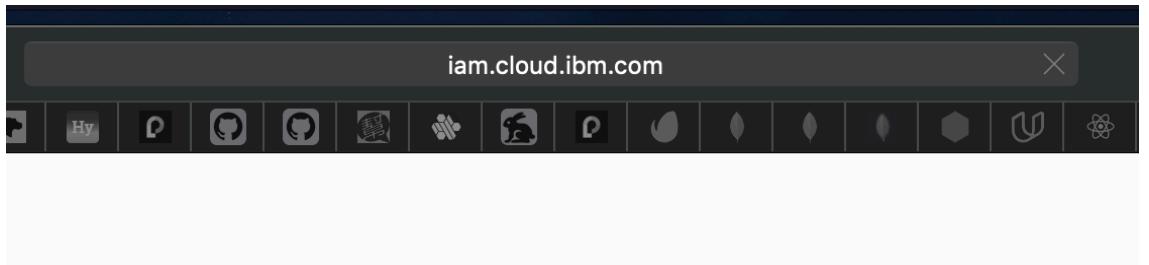


# AI Chat API

人工智慧高端聊天應用程式

# To IBM Cloud



A screenshot of the IBM Cloud Resource Catalog interface. The page title is "IBM Cloud" and the section title is "資源清單". The main content area displays a table of resources, each with columns for Name, Group, Location, Supply Item, Status, and Tags. Some rows are collapsed, indicated by a minus sign icon. The table includes entries for Cloudant, Internet of Things Platform, Watson Assistant, and various Cloud Foundry components like Cloudant-cq, Internet of Things Platform-df, and Watson Assistant-pk.

# Dashboard

IBM Cloud

搜尋資源及供應項目...

型錄 文件 支援 管理 Kate Chen's Account

升級帳戶 建立資源

儀表板 訂閱

Cloud Foundry  
Kubernetes  
OpenShift 新建  
VPC 基礎架構 新建  
標準基礎架構  
VMware

API Management  
Apple 開發  
Blockchain  
DevOps  
Functions  
Integrate  
受管理解決方案

行動 觀察 Schematics 新建 安全 Watson Web 應用程式

檢視資源

應用程式 1  
服務 2  
未來 3

新增更多資源

計劃性維護 檢視事件

下一個事件：2019年10月23日星期三 14:00 Deploy a new Secure Gateway service release

未來 Upgrade the infrastructure  
Migrate the Discovery service to new back-end databases  
Security and Kernel Update (EU Cloud)

位置狀態 檢視狀態

亞太 歐洲 北美洲 南美洲

支援案例 檢視支援

建立應用程式

後，您可以在這裡檢視它們。進一步瞭解如何開始。

您可以提交支援案例之後，在這裡檢視支援案例的摘要。進一步瞭解如何取得支援。

用量 檢視用量

預估總計 US\$0.00  
這不是發票。不保證其正確性。

管理使用者 檢視更多

瞭解 檢視更多

使用工具延伸資源  
管理帳戶及使用者  
參閱解決方案指導教學  
IBM Developer  
架構中心  
IBM Skills Gateway

建議的供應項目 檢視型錄

虛擬伺服器 最多可使用 64 個 vCPU 及 512 GB RAM，以符合任何...

Blockchain 在開發的、管理的及作業的層面上簡化區塊鏈解決方案...

Watson Assistant 在任何應用程式、裝置或通道中建置交談式介面

向 IBM 尋求意見 請與 IBM 專家合作以建置對使用者更有意義的應用...

# Create node

儀表板 [自訂](#) [升級帳戶](#) [建立資源](#)

資源摘要	檢視資源	計劃性維護	檢視事件	位置狀態	檢視狀態
<a href="#">Cloud Foundry 應用程式</a> ● 1 <a href="#">Cloud Foundry 服務</a> 2 <a href="#">服務</a> 2	<a href="#">新增更多資源</a>	<b>下一個事件：2019年10月23日星期三 14:00</b> Deploy a new Secure Gateway service release		<a href="#">亞太</a> <a href="#">歐洲</a> <a href="#">北美洲</a> <a href="#">南美洲</a>	
<b>應用程式</b>  建立應用程式之後，您可以在這裡檢視它們。進一步瞭解如何開始。 <a href="#">建立應用程式</a>	<b>支援案例</b>  您可以在提交支援案例之後，在這裡檢視支援案例的摘要。進一步瞭解如何取得支援。 <a href="#">檢視支援</a>	<b>用量</b>  沒有足夠的資源或成本以製作圖表。	<b>檢視用量</b> <b>預估總計</b> <b>US\$0.00</b> 這不是發票。不保證其正確性。		
<b>使用者存取</b>  獨自工作很無趣。具有正確的許可權時，您可以在其他使用者加入此帳戶時看到這些使用者。進一步瞭解使用者和存取權。 <a href="#">邀請使用者</a>	<b>瞭解</b> <a href="#">使用工具延伸資源</a> <a href="#">管理帳戶及使用者</a> <a href="#">參閱解決方案指導教學</a> <a href="#">IBM Developer</a> <a href="#">架構中心</a> <a href="#">IBM Skills Gateway</a>	<b>建議的供應項目</b>  <b>虛擬伺服器</b> 最多可使用 64 個 vCPU 及 512 GB RAM，以符合任何... <b>Blockchain</b> 在開發的、管理的及作業的層面上簡化區塊鏈解決方案... <b>Watson Assistant</b> 在任何應用程式、裝置或通道中建置交談式介面 <b>向 IBM 尋求意見</b> 請與 IBM 專家合作以建置對使用者更有意義的應用...	<b>檢視型錄</b>		

# Go To Birthplace of AI Bot

IBM Cloud

使用轉職方案，免費試用「型錄」的轉職，而且沒有時間限制。  
已啟用「精簡」過濾器。請移除此過濾器來查看完整「型錄」。

搜尋資源及供應項目...

型錄

儲存空間

所有種類 (50)

Object Storage  
IBM

為非結構化資料提供彈性，符合成本效益的可調式雲端儲存。

基礎架構

AI

Watson Assistant  
IBM

Watson Assistant 可讓您在任何應用程式或通道中建置談話介面。

API 和服務

Watson Studio  
IBM

Embed AI and machine learning models within your own data.

API 和服務

Compare and Comply  
IBM

處理控管文件以轉換、識別、分類及比較重要元素。

API 和服務

Discovery  
IBM

新增認知搜尋與內容分析引擎至應用程式。

API 和服務

Knowledge Catalog  
IBM

Discover, catalog, and securely share enterprise data.

API 和服務

Knowledge Studio  
IBM

教授 Watson 您的領域語言。

API 和服務

Language Translator  
IBM

將文字、文件和網站從一種語言翻譯為另一種語言。透過服務的自訂化功能，建立專用或區域定義。

API 和服務

Machine Learning  
IBM

IBM Watson Machine Learning - 幫助您做出更明智的決策，解決棘手問題並改善法律準則。

API 和服務

Natural Language Understanding  
IBM

分析文字，以從內容中擷取概念、實體、情緒、關係、觀感等 meta 資料。

API 和服務

Personality Insights  
IBM

Watson Personality Insights 會從交易資料及社交媒體資料中衍生洞察力，以識別心理特質。

API 和服務

Speech to Text  
IBM

低延遲，多媒體串流轉本。

API 和服務

Text to Speech  
IBM

從文字合成自然聲調語音。

API 和服務

Tone Analyzer  
IBM

Tone Analyzer 可使用語言分析，從溝通中偵測下列三種語氣：情緒、針砭及語言。依迴應之類似度可判斷。

API 和服務

Voice Agent with Watson  
IBM

建立有認知能力的語音代理程式，且這個語音代理程式會利用 Watson 服務，經由對話使用自然語言音頻。

API 和服務

Watson OpenScale  
IBM

IBM Watson OpenScale 是適用於 AI 融入式應用程式的企业級環境，可讓企業瞭解如何根據其營運指標。

API 和服務

分析

Analytics Engine

IBM Cognos Dashboard

SQL Query

Streaming Analytics

label:精簡

Kate Chen's Account

搜尋

型錄

文件

支援

管理

×

儲存空間

所有種類 (50)

Watson Assistant

Watson Studio

Compare and Comply

Discovery

Knowledge Catalog

Knowledge Studio

Language Translator

Machine Learning

Natural Language Understanding

Personality Insights

Speech to Text

Text to Speech

Tone Analyzer

Voice Agent with Watson

Watson OpenScale

Analytics Engine

IBM Cognos Dashboard

SQL Query

Streaming Analytics

# This AI Chat Bot Called assistant

The screenshot shows the IBM Watson Assistant interface. At the top, there's a navigation bar with 'IBM Watson Assistant' on the left, 'Cookie 喜好设置' (Cookie Preferences) in the middle, and a help icon on the right. Below the navigation bar, there's a sidebar with icons for messaging and assistants, and a link to 'Assistants'. The main content area has a title 'My first assistant' with a subtitle 'Built for you to explore and learn.' and a three-dot menu icon. The left panel is titled 'Skill' and contains a sub-section 'Dialog' which is currently selected. It displays a skill named 'My first skill' with details: LANGUAGE: English (US), TRAINED DATA: 0 Intents | 0 Entities | 2 Dialog Nodes, VERSION: Development, CREATED: 2019年10月23日 09:04 CST, and UPDATED: 2019年10月23日 09:04 CST. It also lists 'LINKED ASSISTANTS (1): My first assistant'. The right panel is titled 'Integrations' and says 'Choose a channel to deploy your Assistant.' with a 'Add integration' button. At the bottom, there's a search bar with a 'Plus' button.

IBM Watson Assistant

Cookie 喜好设置

?

Assistants

## My first assistant

Built for you to explore and learn.

### Skill

A dialog skill provides specific responses you've created. Choose one for your assistant. [Learn more](#)

#### Dialog

**My first skill**

LANGUAGE:	TRAINED DATA:	VERSION:	CREATED:
English (US)	0 Intents   0 Entities   2 Dialog Nodes	Development	2019年10月23日 09:04 CST

UPDATED:  
2019年10月23日 09:04 CST

LINKED ASSISTANTS (1): My first assistant

Search Plus

### Integrations

Choose a channel to deploy your Assistant.

Add integration

# Generate API key & URL access

The screenshot shows the IBM Watson Assistant resource details page. On the left, there is a sidebar with navigation links: 管理 (Management), 服務認證 (Service Credentials), 方案 (Solutions), and 連線 (Connections). The main content area displays the following information:

- Resource Type: Watson Assistant-pk
- Resource Group: Default
- Location: 达拉斯
- Action: 新增標籤 (Add Tag)
- Plan: Lite (Upgraded)
- Status: 首先请启动工具。 (Please start the tool first.)
- Actions: 启动 Watson Assistant (Start Watson Assistant), 入门教程 (Getting Started), API 参考 (API Reference)
- Credentials (凭据):
  - API 密钥 (API Key): A redacted string of dots.
  - URL (URL): <https://gateway.watsonplatform.net/assistant/api>
- Actions: 下载 (Download), 显示凭据 (View Credential)

# Generate API key & URL access

資源清單 /  
Watson Assistant-pk

資源群組：Default 位置：達拉斯 新增標籤 ⋮

首先请启动工具。  
套餐: Lite 升級

启动 Watson Assistant 入门教程 API 参考

凭证  
下载 ⚡ 隐藏凭证 ⚡

API 密钥：  
Qqp1VjXw5sNDP\_j3QuJsCVaGZNUyHqLzam4R0ETb96\_8

URL：  
<https://gateway.watsonplatform.net/assistant/api>

# Add Skill for Chat Bot

IBM Watson Assistant

Cookie 喜好设

## Create skill

Skills can be combined to improve your assistant's capabilities. [Learn more](#)

### Select skill type

#### Dialog skill

Dialog skills use Watson natural language processing and machine learning technologies to understand user requests and respond appropriately. [Learn more](#)

#### Search skill Plus

Once you've created a dialog skill, you can add a search skill. Search skills find relevant information from external data sources and provide responses to user queries that the dialog is not designed to handle. [Learn more](#)

[Try plus plan](#)

[Next](#)

# Add features for Chat Bot

IBM Watson Assistant Cookie 喜好设置 ? ?

Assistants ⋮

## KatesAssistant

**Skill**  
A dialog skill provides specific responses you've created. Choose one for your assistant. [Learn more](#)

**Dialog**

Add a dialog skill to design your conversation flow  
Dialog skills use Watson natural language processing and machine learning technologies to understand user requests and respond appropriately.

**Add dialog skill**

**Search Plus**

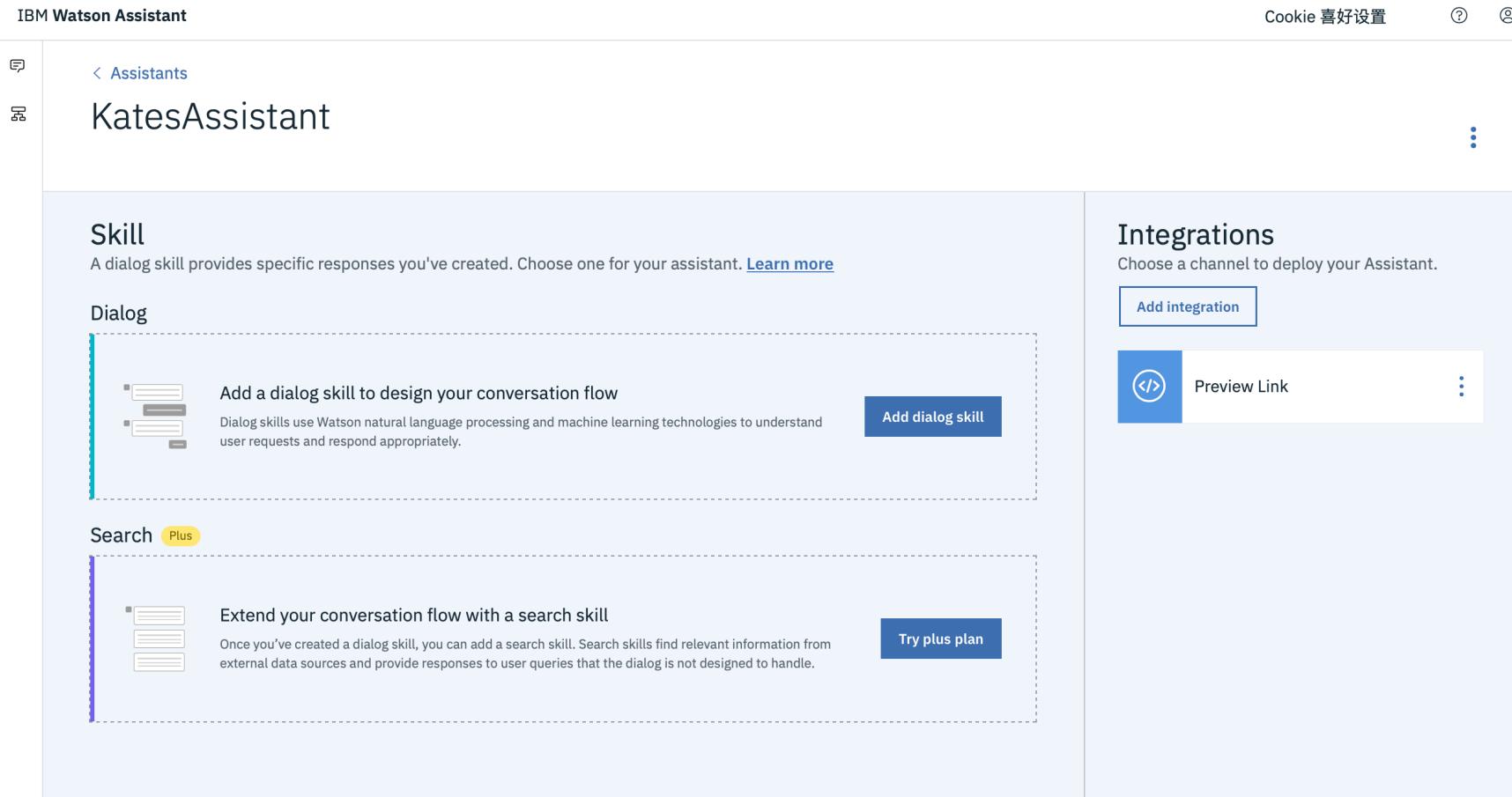
Extend your conversation flow with a search skill  
Once you've created a dialog skill, you can add a search skill. Search skills find relevant information from external data sources and provide responses to user queries that the dialog is not designed to handle.

**Try plus plan**

**Integrations**  
Choose a channel to deploy your Assistant.

**Add integration**

Preview Link ⋮



# Chat Bot created

IBM Watson Assistant Cookie 喜好设置 ? €

---

 Assistants  


An assistant helps your customers complete tasks and get information faster. It may clarify requests, search for answers from a knowledge base, and can also direct your customer to a human if needed.

[Create assistant](#)

KatesAssistant	Skills (0)	Integrations (0)	
My first assistant Built for you to explore and learn.	Skills (1) My first skill	Integrations (0)	

# To Design How Bot Think !

IBM Watson Assistant

KatesDialogAI

Add node Add child node Add folder

true

Customize ⚙️ ×

If assistant recognizes

true ✎ +

Assistant responds

Text

如果是網路問題，請洽 02 XXXX-0000。

Enter response variation

Response variations are set to **sequential**. Set to **random | multiline**  
[Learn more](#)

Add response type ✎

Then assistant should

Wait for user input

Try it out

Cookie 喜好設置

Clear Manage Context 1 ×

您好，有什麼能為您服務的地方？

問題  
#網路問題 Error

我不瞭解您的問題。您可以換種方式說明

網路問題  
Irrelevant

網路問題  
#網路問題

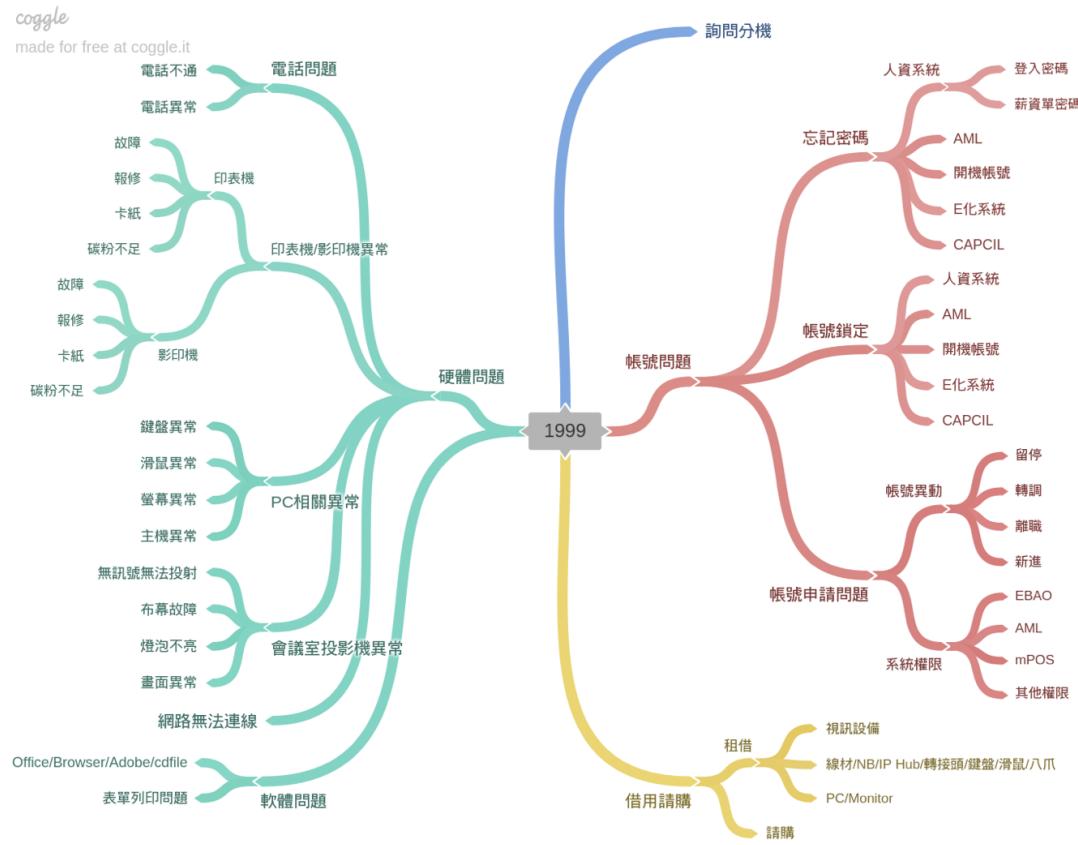
如果是網路問題，請洽 02 XXXX-0000。

Use the up key for most recent

The screenshot shows the IBM Watson Assistant interface for designing a dialog flow. On the left, the 'Dialog' tab is selected, showing a tree structure of nodes. The root node is '歡迎 welcome' (1 Response / 0 Context Set / Does not return). It branches into '主要服務區塊 true' (1 Dialog node / Does not return), which further branches into '問題 #網路問題' (2 Dialog nodes / Return allowed), '網路問題 true' (1 Dialog node / Return allowed), and 'true true' (1 Response / 0 Context Set / Does not return). This last node branches into '帳號問題 true' (0 Dialog nodes / Return allowed) and '其他事情 anything\_else' (1 Response / 0 Context Set / Does not return). On the right, the 'Try it out' panel shows a simulated conversation. The user asks '您好，有什麼能為您服務的地方？'. The bot responds with '問題' and '#網路問題', but marks it as an 'Error'. The user then says '我不瞭解您的問題。您可以換種方式說明'. The bot responds with '網路問題' and 'Irrelevant'. Finally, the user asks '如果是網路問題，請洽 02 XXXX-0000。', and the bot replies with the same message.

# Depend on Why Human needs Assistant~

# Mindset 心智圖



# Kick Off

IBM Watson Assistant

The screenshot shows the IBM Watson Assistant interface. On the left, there's a sidebar with icons for Home, Projects, and Data. The main area shows a project named "KatesDialogAI". A vertical navigation bar on the left lists "Intents", "Entities", "Dialog", "Options", "Analytics", and "Versions", with "Dialog" currently selected. At the top right, there are three buttons: "Add node" (highlighted in blue), "Add child node", and "Add folder". Below these buttons is a dialog node represented by a lightbulb icon. The node has two responses: "歡迎" (welcome) and "其他事情" (anything\_else). Each response includes its English translation and a status message: "1 Responses / 0 Context Set / Does not return".

KatesDialogAI

Intents Entities Dialog Options Analytics Versions

Add node Add child node Add folder

歡迎 welcome 1 Responses / 0 Context Set / Does not return

其他事情 anything\_else 1 Responses / 0 Context Set / Does not return

# What Bot hears?

IBM Watson Assistant

Last updated: a few seconds ago    

# 網路問題

**Intent name**  
Name your intent to match a customer's question or goal  
# 網路問題

**Description (optional)**  
Add a description to this intent

**User example**  
Add unique examples of what the user might say. (Pro tip: Add at least 5 unique examples to help Watson understand)  
Type a user example here, e.g. I want to pay my credit card bill

Add example

Move...  Delete 

1 item selected Cancel

User examples (1)   
 我有網路問題

Added  
a few seconds ago

Try it out

Watson is training

您好，有什麼能為您服務的地方？

問題

Irrelevant  Error 

我不瞭解您的問題。您可以換種方式說明

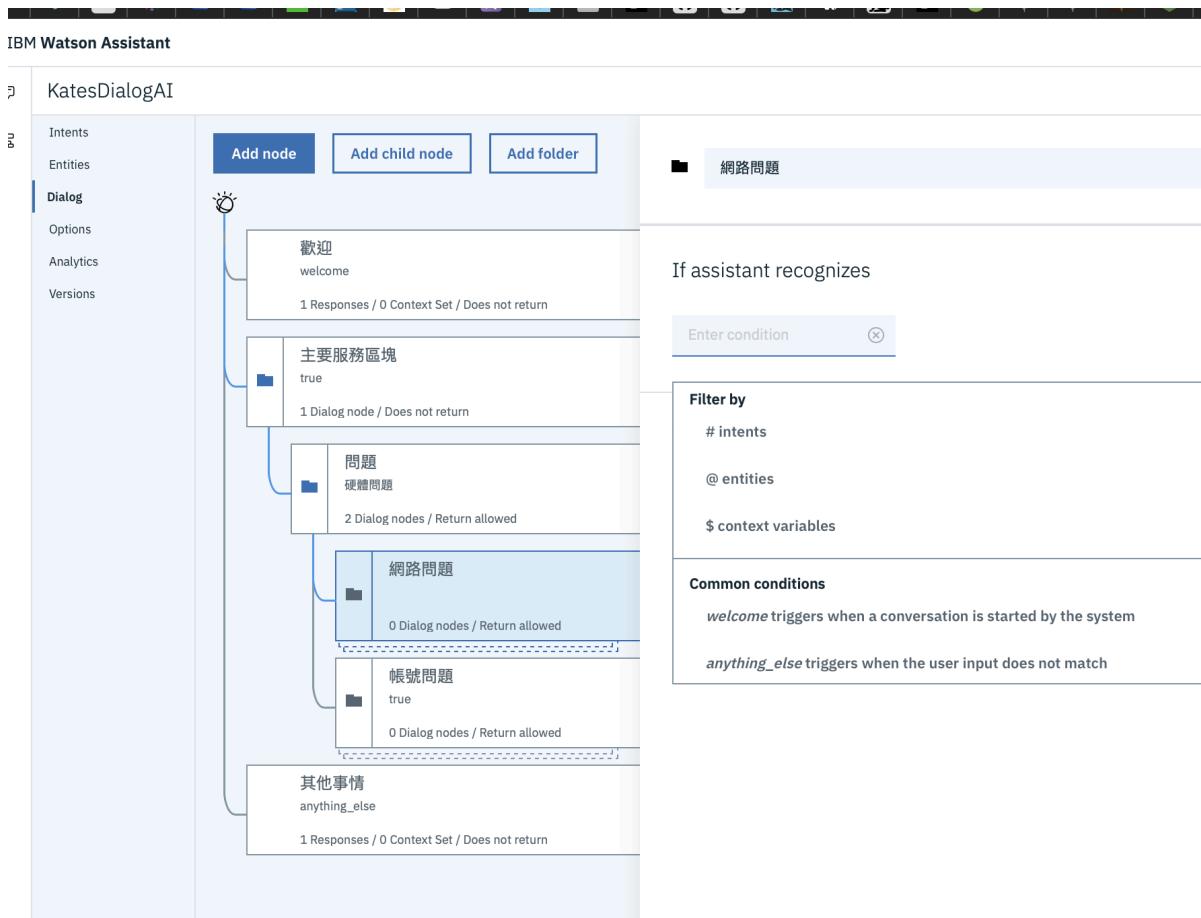
Enter something to test your virtual assistant

# Filter by Intents or Entities

(判斷的語意分析：句子抑或是字詞) ?

The screenshot shows the IBM Watson Assistant interface. The top navigation bar includes 'Cookie 喜好设置' and 'Try it'. The main workspace is titled 'KatesDialogAI'. On the left, a sidebar lists 'Intents', 'Entities', 'Dialog', 'Options', 'Analytics' (with 'Overview' and 'User conversations' sub-options), and 'Versions'. The 'User conversations' option is currently selected. The main area features two dropdown filters: 'Intents' and 'Entities', both set to 'Filter'. Below these filters, a message states 'No user statements found.' A search bar at the bottom right is labeled 'Search user statements...'. The top right corner shows 'Data Source KatesDialogAI', 'Refresh data Last updated: 09:52', and date/time ranges 'This week 21 Oct 19 to 23 Oct 19'.

# Logic Gateway for Node



# If true then...

IBM Watson Assistant

KatesDialogAI

Add node Add child node Add folder

Intents Entities Dialog Options Analytics Versions

true

Customize

If assistant recognizes

true

Assistant responds

> Text

Text  
Add r  
Option  
Pause

Then assistant should

Wait for user input

Try it out

Cookie 喜好设置

Clear Manage Context

您好，有什麼能為您服務的地方？

Enter something to test your virtual assistant

The screenshot shows the IBM Watson Assistant interface. On the left, there's a sidebar with options like Intents, Entities, Dialog (which is selected), Options, Analytics, and Versions. Below that is a search bar and buttons for 'Save new version' and 'Customize'. The main area displays a dialog tree. At the top level, there's a node labeled '歡迎' (welcome) with the text 'true'. This leads to a node labeled '主要服務區塊' (main service block) also with 'true'. This further branches into nodes for '問題' (problem), '網路問題' (network problem), 'true', and '帳號問題' (account problem). The 'true' node under '帳號問題' has a sub-node labeled 'true'. Finally, it leads to a node labeled '其他事情' (other things) with 'anything\_else'. The right side of the screen shows a 'Try it out' panel with a dark background. It displays a message in Chinese: '您好，有什麼能為您服務的地方？' (Hello, what can I do for you?). Below this is a text input field with placeholder text: 'Enter something to test your virtual assistant'.

# How Bot talks?

IBM Watson Assistant

KatesDialogAI

Add node Add child node Add folder

Intents Entities Dialog Options Analytics Versions

歡迎 welcome 1 Responses / 0 Context Set / Does not return

主要服務區塊 true 1 Dialog node / Does not return

問題 硬體問題 2 Dialog nodes / Return allowed

網路問題 true 0 Dialog nodes / Return allowed

帳號問題 true 0 Dialog nodes / Return allowed

其他事情 anything\_else 1 Responses / 0 Context Set / Does not return

If assistant recognizes anything\_else +

Assistant responds

Text

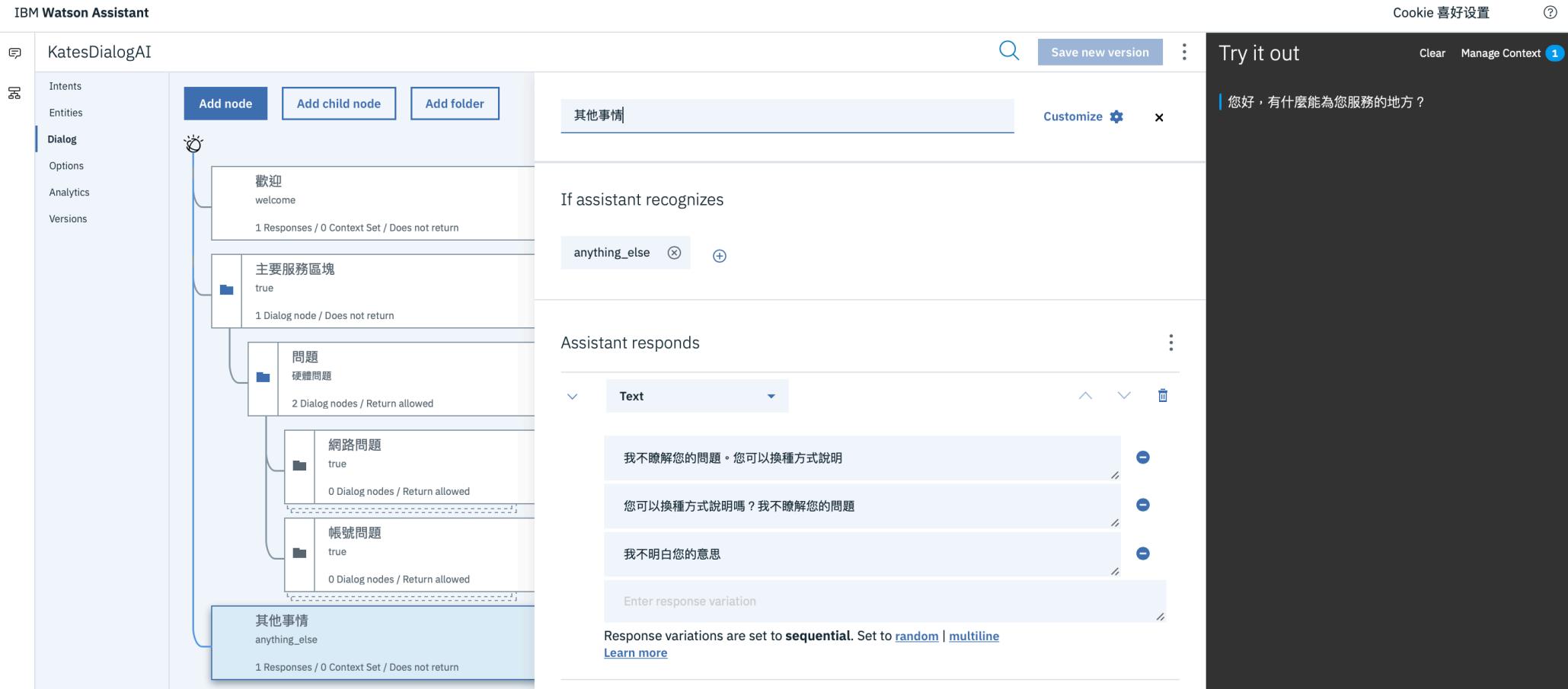
我不瞭解您的問題。您可以換種方式說明  
您可以換種方式說明嗎？我不瞭解您的問題  
我不明白您的意思  
Enter response variation

Response variations are set to **sequential**. Set to [random](#) | [multiline](#)  
[Learn more](#)

Cookie 喜好设置

Try it out Clear Manage Context 1

您好，有什麼能為您服務的地方？



# Add response into Dialog skill as Feature

IBM Watson Assistant

KatesDialogAI

Cookie 喜好设置

Add node Add child node Add folder

Intents Entities Dialog Options Analytics Versions

歡迎 welcome  
1 Responses / 0 Context Set / Does not return

其他事情 anything\_else  
1 Responses / 0 Context Set / Does not return

Cookie 喜好设置

Save new version Try it

歡迎

If assistant recognizes

welcome

Assistant responds

Text

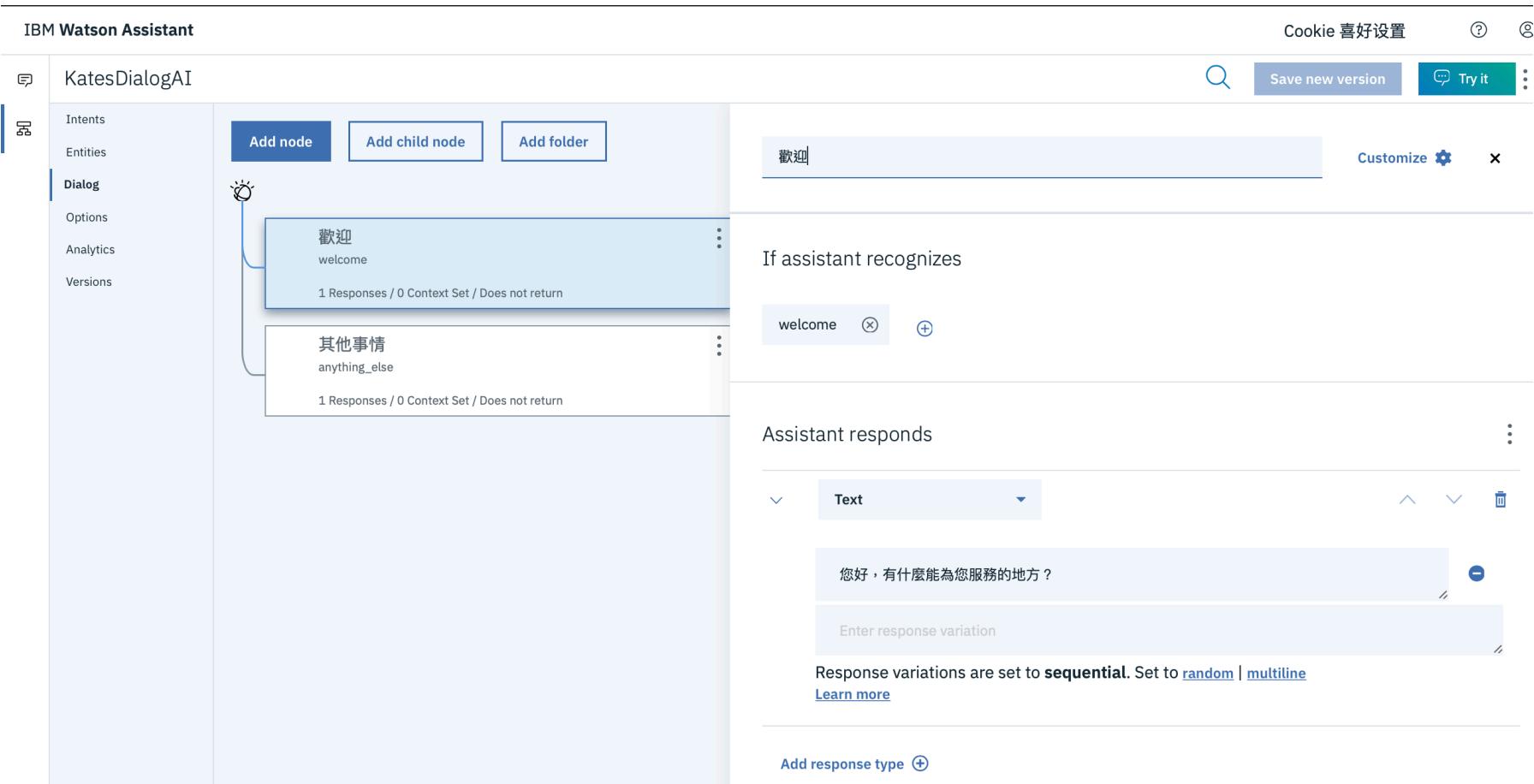
您好，有什麼能為您服務的地方？

Enter response variation

Response variations are set to **sequential**. Set to [random](#) | [multiline](#)

[Learn more](#)

Add response type +



# Specify What Response Renders

IBM Watson Assistant

KatesDialogAI

Cookie 喜好设置

Add node Add child node Add folder

Intents Entities Dialog Options Analytics Versions

歡迎 welcome  
1 Responses / 0 Context Set / Does not return

其他事情 anything\_else  
1 Responses / 0 Context Set / Does not return

Save new version Try it

Cookie 喜好设置

Customize

If assistant recognizes

welcome

Assistant responds

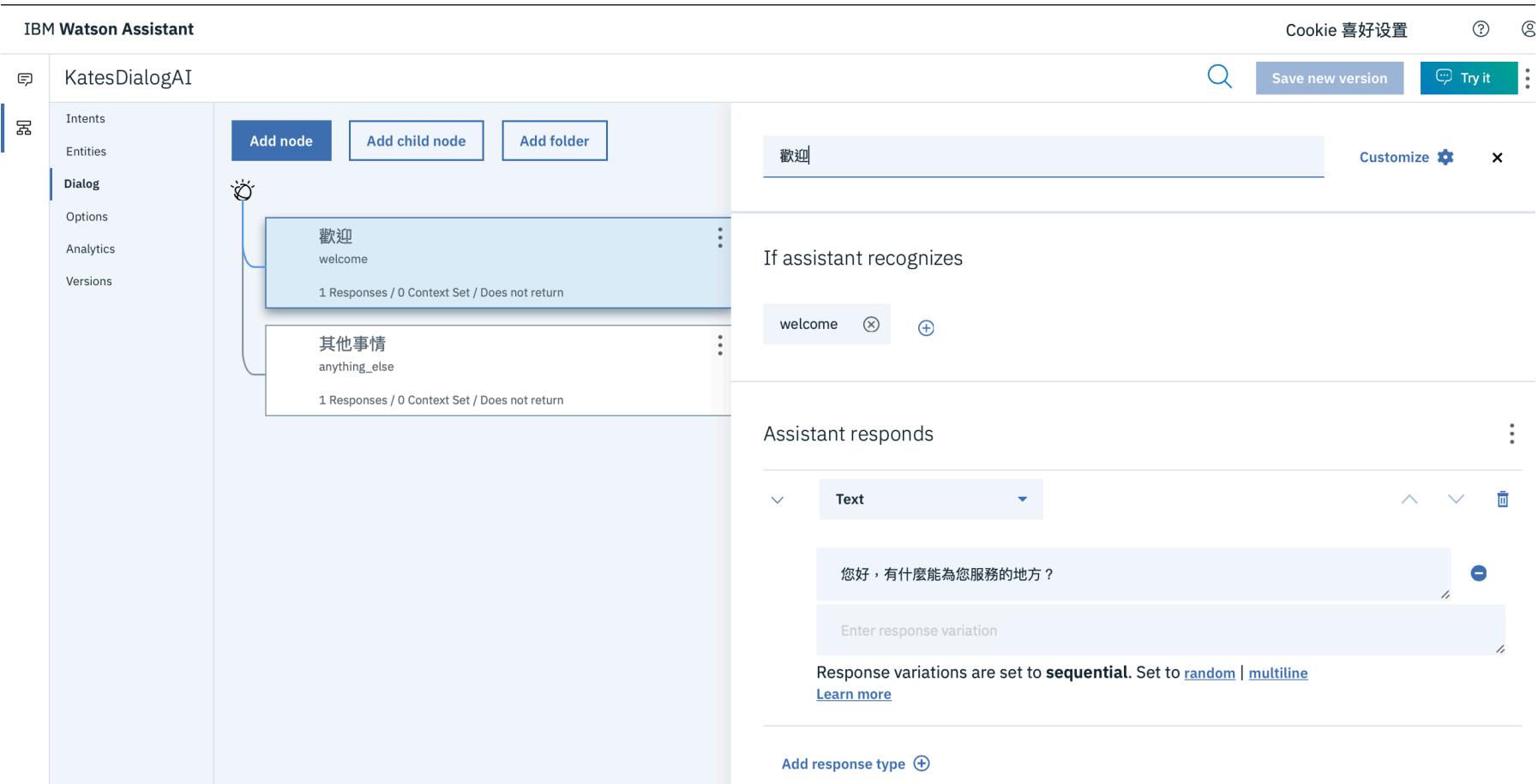
Text

您好，有什麼能為您服務的地方？

Enter response variation

Response variations are set to **sequential**. Set to [random](#) | [multiline](#)  
[Learn more](#)

Add response type



# Add Node or add Folder

IBM Watson Assistant

KatesDialogAI

Intents Entities Dialog Options Analytics Versions

Add node Add child node Add folder

歡迎 welcome  
1 Responses / 0 Context Set / Does not return

其他事情 anything\_else  
1 Responses / 0 Context Set / Does not return

⋮

Add child node  
Add node above  
Add node below  
Add folder  
Move  
Duplicate  
Jump to  
Delete

```
graph TD; KatesDialogAI[ ]; KatesDialogAI --> Intents[Intents]; KatesDialogAI --> Entities[Entities]; KatesDialogAI --> Dialog[Dialog]; KatesDialogAI --> Options[Options]; KatesDialogAI --> Analytics[Analytics]; KatesDialogAI --> Versions[Versions]; KatesDialogAI --> AddNode[Add node]; KatesDialogAI --> AddChildNode[Add child node]; KatesDialogAI --> AddFolder[Add folder]; KatesDialogAI --> Welcome[歡迎 welcome]; KatesDialogAI --> AnythingElse[其他事情 anything_else]; KatesDialogAI --> More[⋮]; KatesDialogAI --> AddChildNodeList[Add child node  
Add node above  
Add node below  
Add folder  
Move  
Duplicate  
Jump to  
Delete];
```

# Child Nodes

IBM Watson Assistant

KatesDialogAI

Intents Entities Dialog Options Analytics Versions

Add node Add child node Add folder

歡迎 welcome  
1 Responses / 0 Context Set / Does not return

其他事情 anything\_else  
1 Responses / 0 Context Set / Does not return

⋮

Add child node  
Add node above  
Add node below  
Add folder  
Move  
Duplicate  
Jump to  
Delete

The screenshot shows the IBM Watson Assistant interface. On the left, there's a sidebar with icons for Intents, Entities, Dialog, Options, Analytics, and Versions. The 'Dialog' tab is selected. In the main area, there's a tree view under 'KatesDialogAI' with two nodes: '歡迎' (welcome) and '其他事情' (anything\_else). Each node has a small icon with three dots. A context menu is open over the '歡迎' node, with 'Add child node' highlighted in blue. Other options in the menu include 'Add node above', 'Add node below', 'Add folder', 'Move', 'Duplicate', 'Jump to', and 'Delete'.

# Make a move (among folders)



# Folder Subsidiary

IBM Watson Assistant

KatesDialogAI

Cookie 喜好设置

Add node Add child node Add folder

Enter node name

Customize X

If assistant recognizes

Enter condition

Your folder is empty.

Folders help you organize sections of your tree around similar subjects. To get started, move existing dialog nodes into this folder or start adding new nodes directly into your folder. [Learn more](#)

The screenshot shows the IBM Watson Assistant Dialog editor interface. On the left, a sidebar menu includes Intents, Entities, Dialog (which is selected), Options, Analytics, and Versions. The main workspace displays a tree structure of dialog nodes under the 'KatesDialogAI' project. The root node is '歡迎' (welcome) with the ID 'true'. It has three children: '主要服務區塊' (true), '帳號問題' (account problem), and '其他事情' (anything\_else). The '帳號問題' node has a child node 'No condition set'. Each node provides information about its type and return behavior. A floating modal window is open, prompting the user to 'Enter node name' for adding a new node to the folder. The top right of the screen shows standard navigation and save buttons.

- 歡迎  
welcome  
1 Responses / 0 Context Set / Does not return
- 主要服務區塊  
true  
1 Dialog node / Does not return
- 帳號問題  
account problem  
1 Dialog node / Return allowed
- No condition set  
0 Dialog nodes / Return allowed
- 其他事情  
anything\_else  
1 Responses / 0 Context Set / Does not return

# If-else Condition

IBM Watson Assistant

KatesDialogAI

Cookie 喜好设置

Add node Add child node Add folder

Enter node name

Customize ⚙️ X

Intents Entities Dialog Options Analytics Versions

歡迎 welcome  
1 Responses / 0 Context Set / Does not return

主要服務區塊 true  
1 Dialog node / Does not return

帳號問題  
1 Dialog node / Return allowed

No condition set  
0 Dialog nodes / Return allowed

其他事情 anything\_else  
1 Responses / 0 Context Set / Does not return

If assistant recognizes

Enter condition

Your folder is empty.

Folders help you organize sections of your tree around similar subjects. To get started, move existing dialog nodes into this folder or start adding new nodes directly into your folder. [Learn more](#)

# Analytics

IBM Watson Assistant

KatesDialogAI

Intents Entities Dialog Options Analytics Overview User conversations Versions

Filter

Entities

Save new version Try it

Data Source This week 21 Oct 19 to 23 Oct 19 by day

Refresh data Last updated: 09:51

Total conversations 0

Avg. msg. per conversation 0

Max. conversations 0

Weak understanding 0 View logs

Total: 0

Total conversations

Avg. msg. per conversation

Total messages

Avg. conversations per user

Total: No Data

Avg: No Data

The screenshot displays the IBM Watson Assistant Analytics interface for the workspace 'KatesDialogAI'. The left sidebar includes navigation links for Intents, Entities, Dialog, Options, Analytics (which is selected), Overview, User conversations, and Versions. The main content area features a 'Filter' section with dropdowns for 'Intents' and 'Entities'. At the top right are buttons for 'Save new version', 'Try it', 'Data Source' (set to 'This week' from '21 Oct 19 to 23 Oct 19'), and 'Refresh data' (last updated at 09:51). Below these are four summary statistics: 'Total conversations' (0), 'Avg. msg. per conversation' (0), 'Max. conversations' (0), and 'Weak understanding' (0 with a 'View logs' link). Further down, there are three large horizontal bars with arrows pointing from left to right, each labeled with its respective metric: 'Total conversations', 'Avg. msg. per conversation', and 'Total messages'. At the bottom, two additional metrics are shown: 'Active users' (No Data) and 'Avg. conversations per user' (No Data).

# Versioning

IBM Watson Assistant Cookie 喜好设置 ?

KatesDialogAI Save new version Try it

	Version	Description	Created	Linked assistants
Intents				
Entities				
Dialog	Development	<i>You can only see and edit this in-progress version. If you want to continue working with an earlier version, save your latest work as a new version before you revert to the earlier version.</i>		⋮
Options				
Analytics				
Versions				

Upgrade to get the tools you need.

Version history allows you to save drafts and revert to previous states of your skill. To get access to this capability and more, upgrade to a free trial of the Plus plan.

[Try plus plan](#)

# API methods

IBM Watson Assistant

◀ Assistants

## My first assistant

*Built for you to explore and learn.*

### Skill

A dialog skill provides specific responses you've created. Choose one for your assistant. [Learn more](#)

#### Dialog

**My first skill**

LANGUAGE:	TRAINED DATA:	VERSION:	CREATED:	UPDATED:
English (US)	0 Intents   0 Entities   2 Dialog Nodes	Development	2019年10月23日 09:04 CST	2019年10月23日 09:04 CST

LINKED ASSISTANTS (1): My first assistant

⋮

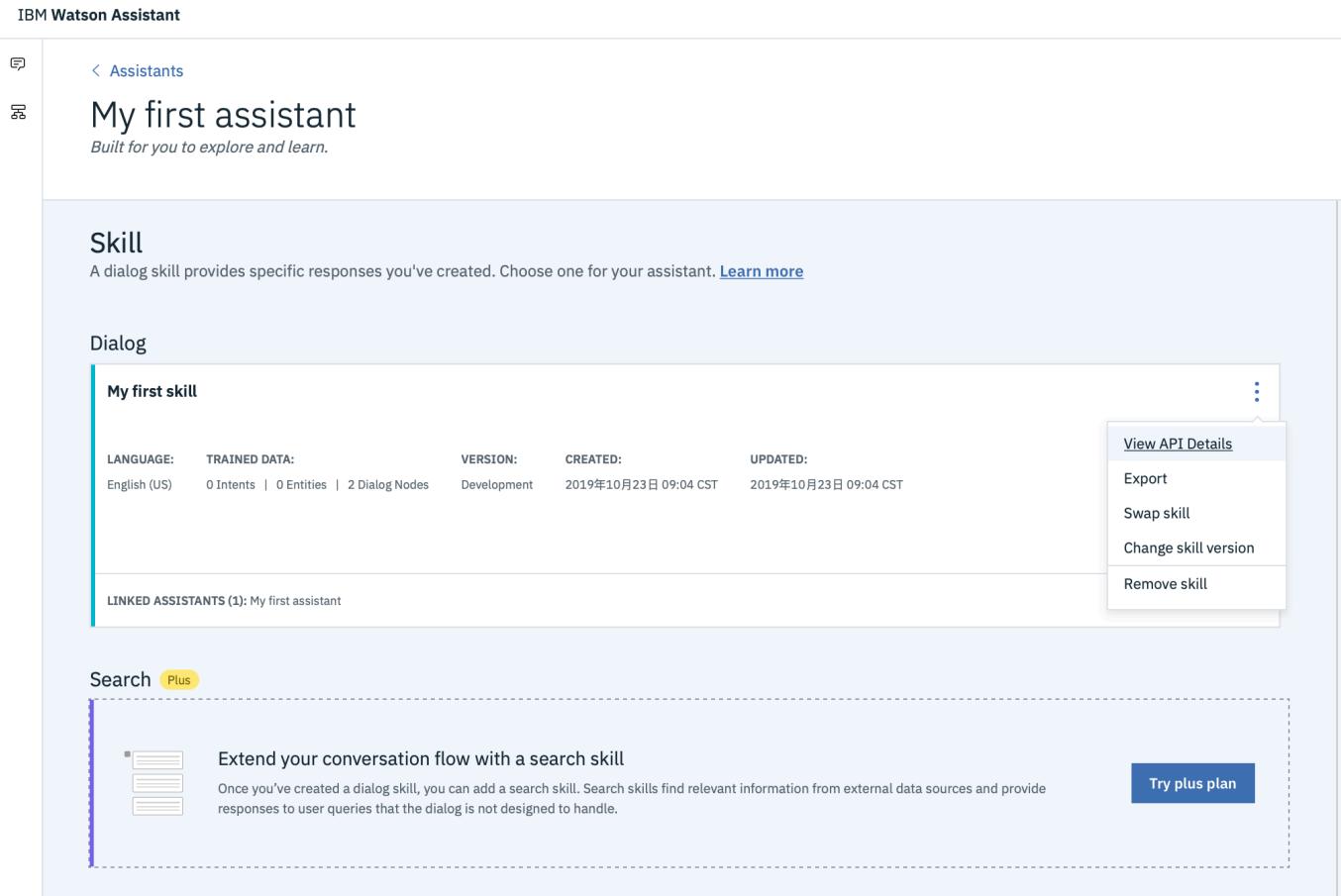
- [View API Details](#)
- Export
- Swap skill
- Change skill version
- Remove skill

#### Search Plus

Extend your conversation flow with a search skill

Once you've created a dialog skill, you can add a search skill. Search skills find relevant information from external data sources and provide responses to user queries that the dialog is not designed to handle.

Try plus plan



# API Ref Doc see V1

The screenshot shows the IBM Cloud API Reference Documentation for Watson Assistant v1. The left sidebar contains a navigation tree with categories like Overview, Authentication, Service endpoint, Versioning, Error handling, Data handling, Rate limiting, Pagination, Related information, Methods, Message, Workspaces, Intents, Examples, Counterexamples, Entities, Mentions, Values, Synonyms, Dialog nodes, Logs, and User data. The main content area displays the 'Get response to user input' endpoint. It includes a brief description, a note about being superseded by v2, and a note about no rate limit. The 'Request' section details path parameters (workspace\_id), query parameters (version), and a request body (MessageRequest) with an 'input' field. A 'More' dropdown menu at the top right lists code samples for Curl, .NET, Go, Java, Node, Python, Ruby, Swift, and Unity. Below the Java option, there's an 'Example request' section with a curl command. At the bottom, there's a feedback survey with 'Yes' and 'No' buttons.

IBM Cloud

IB Cloud

搜尋資源及供應項目...

https://cloud.ibm.com/apidocs/assistant/assistant-v1

型錄 文件 支援 管理 Kate Chen's Account

OVERVIEW

Introduction

Authentication

Service endpoint

Versioning

Error handling

Data handling

Rate limiting

Pagination

Related information

METHODS

Message

Workspaces

Intents

Examples

Counterexamples

Entities

Mentions

Values

Synonyms

Dialog nodes

Logs

User data

Get response to user input

Send user input to a workspace and receive a response.

**Important:** This method has been superseded by the new v2 runtime API. The v2 API offers significant advantages, including ease of deployment, automatic state management, versioning, and search capabilities. For more information, see the [documentation](#).

There is no rate limit for this operation.

Request

PATH PARAMETERS

**workspace\_id** \* string Unique identifier of the workspace.

QUERY PARAMETERS

**version** \* string Release date of the API version you want to use. Specify dates in YYYY-MM-DD format. The current version is [2019-02-28](#).

**nodes\_visited\_details** boolean Whether to include additional diagnostic information about the dialog nodes that were visited during processing of the message. Default: [false](#).

REQUEST BODY

MessageRequest The message to be sent. This includes the user's input, along with optional intents, entities, and context from the last response.

**input** An input object that includes the input text.

> [MessageInput](#)

Did you find this useful?

Yes No

Curl .NET Go More

Java

Node

Python

Ruby

Swift

Unity

curl -X POST -u "apikey:{apikey}" --header "Content-Type:application/json" --data "{\"input\": {\"text\": \"Hello\"}}" "https://gateway.watsonplatform.net/assistant/api/v1/workspaces/{workspace\_id}/message?version=2019-02-28"

FEEDBACK

# Method called Message

The screenshot shows the IBM Cloud Watson Assistant v1 API documentation for the 'Message' method. The left sidebar lists various service endpoints and methods, with 'Message' currently selected. The main content area displays the 'Request' parameters for the 'Message' operation. The 'PARAMETERS' section includes:

- workspaceId** (string): Unique identifier of the workspace.
- input**: An input object that includes the input text.
- intents** (RuntimeIntent[]): Intents to use when evaluating the user input. Include intents from the previous response to continue using those intents rather than trying to recognize intents in the new input.
- entities** (RuntimeEntity[]): Entities to use when evaluating the message. Include entities from the previous response to continue using those entities rather than detecting entities in the new input. Example: [View](#)
- alternateIntents** (boolean): Whether to return more than one intent. A value of `true` indicates that all matching intents are returned. Default: `false`.
- context**: State information for the conversation. To maintain state, include the context from the previous response.
- output**: An output object that includes the response to the user, the dialog nodes that were triggered, and messages from the log.

Below the parameters, there is a feedback section asking "Did you find this useful?" with "Yes" and "No" buttons. On the right side, there is a code editor showing examples for different programming languages: Curl, .NET, Go, Node, and Python. The Node.js example is shown:

```
const AssistantV1 = require('ibm-watson/assistant/v1');
const { IamAuthenticator } = require('ibm-watson/auth');

const service = new AssistantV1({
  version: '2019-02-28',
  authenticator: new IamAuthenticator({
    apikey: '{apikey}',
  }),
  url: '{url}',
});

service.message({
  workspaceId: '{workspace_id}',
  input: { text: 'Hello' }
})
.then(res => {
  console.log(JSON.stringify(res, null, 2));
})
.catch(err => {
  console.log(err);
});
```

# Bots ID

## IBM Watson Assistant

---

### Skill Details

**Skill Name:** My first skill

**Skill ID:** dfd7c89b-8acd-46cc-8546-fb956eba1d1b

**Workspace ID:** dfd7c89b-8acd-46cc-8546-fb956eba1d1b

**Legacy v1 Workspace URL:** <https://gateway.watsonplatform.net/assistant/api/v1/workspaces/dfd7c89b-8acd-46cc-8546-fb956eba1d1b/message>

---

### Service Credentials

**Service Credentials Name:** Auto-generated service credentials

**Api Key:** O09sRuMo8l5EQdHiCopca4VsX2RsYDlvuMs7Pwo4FvTu

---

**Service Credentials Name:** Auto-generated service credentials

**Api Key:** Qqp1VjXw5sNDP\_j3QuJsCVaGZNUyHqLzam4ROETb96\_8

# Bots Detail

The screenshot shows the IBM Cloud Watson Assistant service details page. At the top, it displays the service name "Watson Assistant-pk", usage status "0.01% Used | 9999 Api calls available", and a "Details" button. Below this, there are sections for "Service Credentials" and "Service Keys". The "Service Credentials" section lists two entries:

金鑰名稱	建立日期	動作
Auto-generated service credentials	2019年10月23日 - 09:03:48 上午	<a href="#">檢視認證 ▾</a>
Auto-generated service credentials	2019年10月23日 - 09:03:46 上午	<a href="#">檢視認證 ▾</a>

Each row contains a JSON representation of the service credential data:

```
{  
  "apikey": "009sRu0b15EqHiCopa4VsX2RsYDlVuM7PwoAfVTu",  
  "iam_apikey_description": "Auto-generated for key 7c3a00de-505b-4ecc-91bf-86798bc1b0c5",  
  "iam_apikey_name": "Auto-generated service credentials",  
  "iam_role_crn": "crn:v1:bluemix:public:iam::::serviceRole:Manager",  
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam:identity:a/540804fbad2c490c9bbd48906c878a97::serviceid:ServiceId-59066e70-0b33-4709-a6d0-6a02a6f993c7",  
  "url": "https://gateway.watsonplatform.net/assistant/api"  
}
```

```
{  
  "apikey": "Qqp1VjXw5eNDP_j3QuJsCVaGZNujyHqLzam4ROETb96_8",  
  "iam_apikey_description": "Auto-generated for key 1b13421a-63cd-4158-8166-63e9bc94082",  
  "iam_apikey_name": "Auto-generated service credentials",  
  "iam_role_crn": "crn:v1:bluemix:public:iam::::serviceRole:Manager",  
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam:identity:a/540804fbad2c490c9bbd48906c878a97::serviceid:ServiceId-bf93c022-ff4e-4e7d-ad36-74d3b9008b4e3",  
  "url": "https://gateway.watsonplatform.net/assistant/api"  
}
```

# API called this Skill Id

IBM Watson Assistant

---

## Skill Details

**Skill Name:** My first skill

**Skill ID:** [dfd7c89b-8acd-46cc-8546-fb956eba1d1b](#)

**Workspace ID:** dfd7c89b-8acd-46cc-8546-fb956eba1d1b

**Legacy v1 Workspace URL:** <https://gateway.watsonplatform.net/assistant/api/v1/workspaces/dfd7c89b-8acd-46cc-8546-fb956eba1d1b/message>

---

## Service Credentials

**Service Credentials Name:** Auto-generated service credentials

**Api Key:** O09sRuMo8l5EqdHiCopca4VsX2RsYDlvuMs7Pwo4FvTu

---

**Service Credentials Name:** Auto-generated service credentials

**Api Key:** Qqp1VjXw5sNDP\_j3QuJsCVaGZNUyHqLzam4ROETb96\_8

# Copy code to Node App

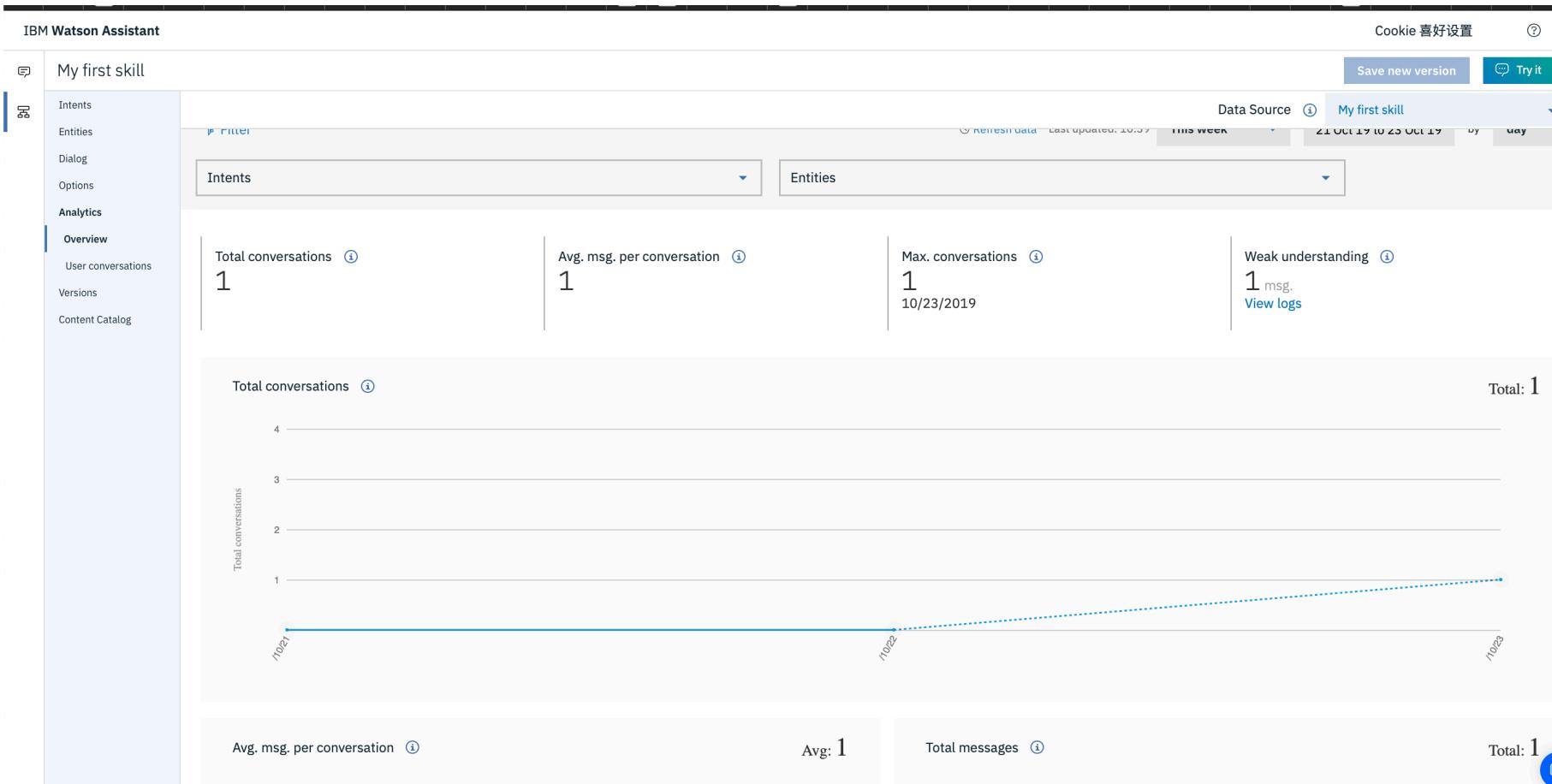
```
15
16      //local test
17
18      assistant.message({
19          workspaceId: 'cc9b1592-87f9-4f71-b101-f0256e78bdf7', // change
20          input: {'text': 'Hello'}
21      })
22      .then(res => {
23          console.log(JSON.stringify(res.result, null, 2));
24      })
25      .catch(err => {
26          console.log(err)
27      });
28
29
30     /* GET home page. */
```

# Execution Code in Node Runtime

The screenshot shows a dark-themed instance of Visual Studio Code (VS Code) with the following details:

- File Explorer:** Shows a project structure for "LINEBOTDEMO" containing files: routes/index.js, routes/users.js, views/app.js, package-lock.json, and package.json.
- Editor:** The main editor tab is titled "index.js — linebotDemo". It displays the content of the file "routes/index.js". The code is written in JavaScript and defines an Express route for the root path that logs the request body and sends a response. It also defines a webhook route for "linebot" that handles messages and logs them.
- Terminal:** The bottom right corner shows a terminal window with the command "1: node" entered.
- Status Bar:** The status bar at the bottom provides information about the file: "Ln 22, Col 4 Tab Size: 4 UTF-8 LF Javascript (Babel)". It also shows a ESLint icon and a notification bell with the number "1".

# After Called, API log it in Analytics



# Free Charge for 1 month and 10000 call/month

The screenshot shows the IBM Cloud Watson Assistant service page. At the top, there are tabs for '建立' (Create) and '關於' (About). A dropdown menu for location is set to '達拉斯'. Below the location, there's a note about selecting a billing plan. A yellow warning box states: '警告通知 針對每個服務，您只能有精簡方案的一個實例。若要建立新的實例，請刪除您的現有精簡方案實例。' (Warning notice: For each service, you can only have one instance of the simplified plan. If you want to create a new instance, please delete your existing simplified plan instance.)

方案	特性	定價
小型	10,000 則訊息/月 AI 意圖及實體識別 實體同義字建議 包含簡式回應類型（文字、選項、影像等）的視覺化對話編輯 可用的預建內容 儲存期限為 7 天的分析儀表板 5 項對話技能，每項技能包含 100 個對話節點 共用公用雲端	免費
增強 (試用)	增強方案中的所有功能，免費試用 30 天！ 50,000 則訊息 5,000 個使用者 建立限制與小型方案一致	免費
標準	小型方案中的一切，以及下列新增項目... 無限則訊息/月 20 項對話技能，每項技能包含無限個對話節點 每項對話技能 10 個版本 儲存期限為 30 天的分析儀表板	\$0.0025 USD/API call*

On the right side, there's a summary section for 'Watson Assistant' with details: 地區: 達拉斯, 方案: 小型, 服務名稱: Watson Assistant-gc, 資源群組: Default.

# Payment

IBM Cloud 資源清單 / Watson Assistant-pk 0.01% Used | 9999 Api calls available [詳細資料]

資源群組: Default 位置: 达拉斯 新增標籤

管理 服務認證 方案 遠端

現行方案 現行用量

**小型**

方案包含項目  
10,000 則訊息/月  
AI 意圖及實體識別  
實體同義字建議  
包含簡式回應類型（文字、選項、影像等）的視覺化對話編輯  
可用的預建內容  
儲存期限為 7 天的分析儀表板  
5 項對話技能，每項技能包含 100 個對話節點  
共用公用雲端

**0.01 % Used**

精簡方案服務將在無活動達到 30 天之後予以刪除。  
詳細資料

Api Calls Per Month 1 / 10000 Api calls

變更定價方案

方案	特性	定價
<input checked="" type="checkbox"/> 小型	10,000 則訊息/月 AI 意圖及實體識別 實體同義字建議 包含簡式回應類型（文字、選項、影像等）的視覺化對話編輯 可用的預建內容 儲存期限為 7 天的分析儀表板 5 項對話技能，每項技能包含 100 個對話節點 共用公用雲端	免費
<input type="checkbox"/> 增強（試用）	增強方案中的所有功能，免費試用 30 天！ 50,000 則訊息 5,000 個使用者 建立限制與小型方案一致	免費
<input type="checkbox"/> 標準	小型方案中的一切，以及下列新增項目... 無限制訊息/月 20 項對話技能，每項技能包含無限個對話節點 每項對話技能 10 個版本 儲存期限為 30 天的分析儀表板	¥0.28 JPY/API call*
<input type="checkbox"/> 增強	標準方案中的一切，以及下列新增項目... 50 項技能（每個實例），每項技能無限個對話節點 高達 3 個實例 澄清 意圖建議 意圖衝突偵測 服務台整合	

# How Bot chat with You ?

