

Bot & Graph Advanced

簡報者：周祖昊

Outline

2

- ▶ 09:30 ~ 10:30 Registry a bot, Run Sample online 、 Try SkypeBot
- ▶ 10:45 ~ 12:00 IM Cards(Messenger, Skype) 、 AuthBot: Use Auth2.0 in Bot Framework.
- ▶ 12:00 ~ 13:00 午餐
- ▶ 13:20 ~ 14:30 Hands-On Lab 1 : Find Contact in bot & Send Email In Bot.
- ▶ 14:30 ~ 15:30 Hands-On Lab 2 : Get Calendar Events 、 Create a Event
- ▶ 15:40 ~ 16:00 Break
- ▶ 16:00 ~ 17:30 Hands-On Lab 3 : Get OneDriveFile, Upload File or image to One Drive
- ▶ 17:30 ~ 18:00 Q & A

IM Cards

3

- ▶ Messenger
 - ▶ Structured Messages
- ▶ Skype
 - ▶ Hero card
 - ▶ Thumbnail card
 - ▶ Carousel card (with hero or thumbnail images)
 - ▶ Sign in card
 - ▶ Receipt card

Messenger-Structured Messages


4

Please select an option:

[Option 1](#)

[Option 3](#)

[Option 2](#)




Classic White T-Shirt
Soft white cotton t-shirt is back in style


[View Item](#)

[Bookmark Item](#)

Order confirmation



Classic White T-Shirt
100% Soft and Luxurious C...
Qty. 2



Classic Gray T-Shirt
100% Soft and Luxurious C...

Paid with
Visa 2345

Ship to
1 Hacker Way
Menlo Park, CA 94025

Total **\$56.14**

Messenger-Callback type

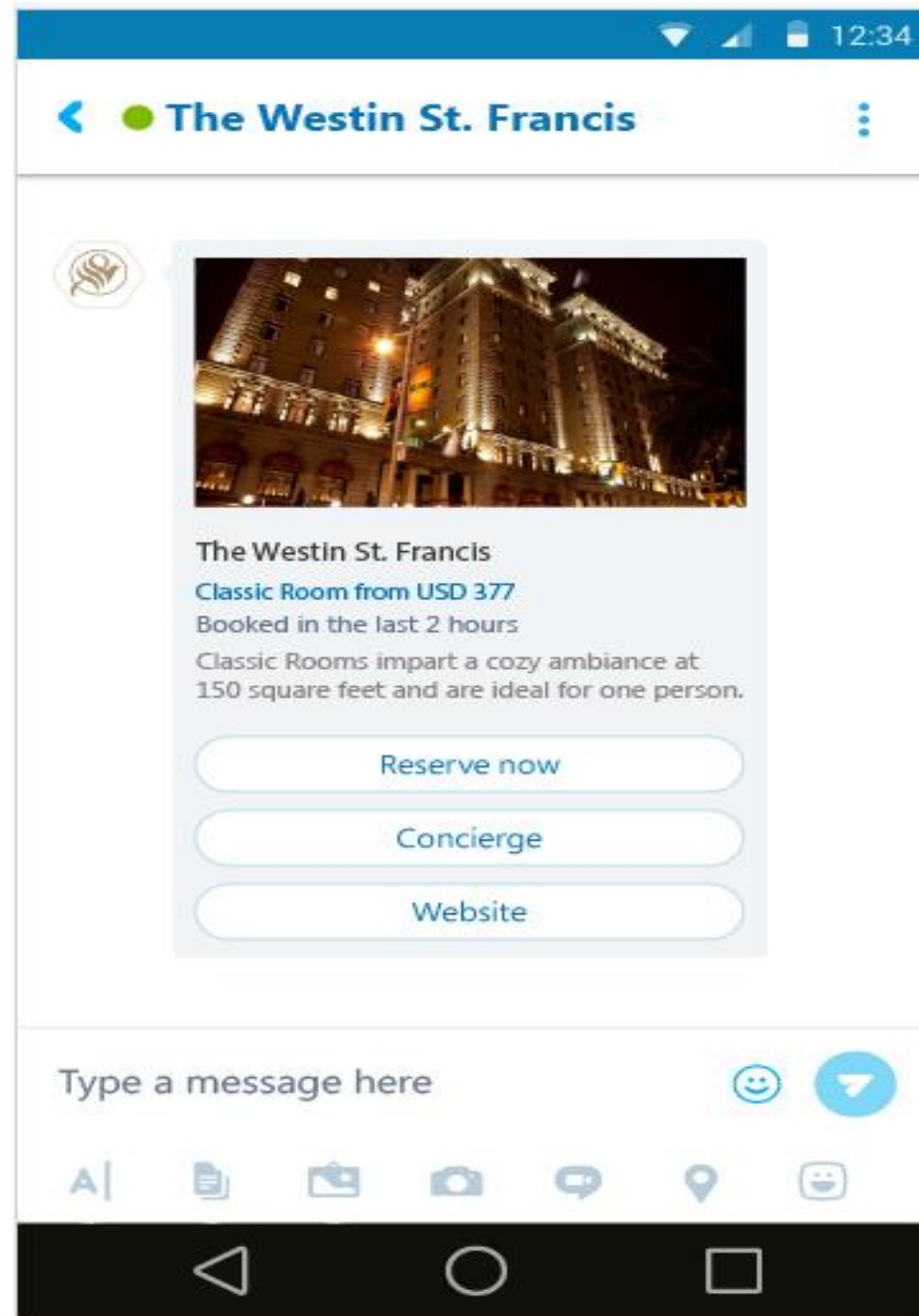
5

- ▶ Messages : 收到訊息回呼
- ▶ Messaging_postbacks : 收到回傳回呼
- ▶ Message_deliveries : 已傳遞訊息回呼
- ▶ Messaging_optins : 驗證回呼
- ▶ Message_reads : 已讀取訊息回呼
- ▶ Message_echoes : 已回送訊息回呼

Skype- Hero Card

The hero card provides a very flexible layout, for example it might contain:

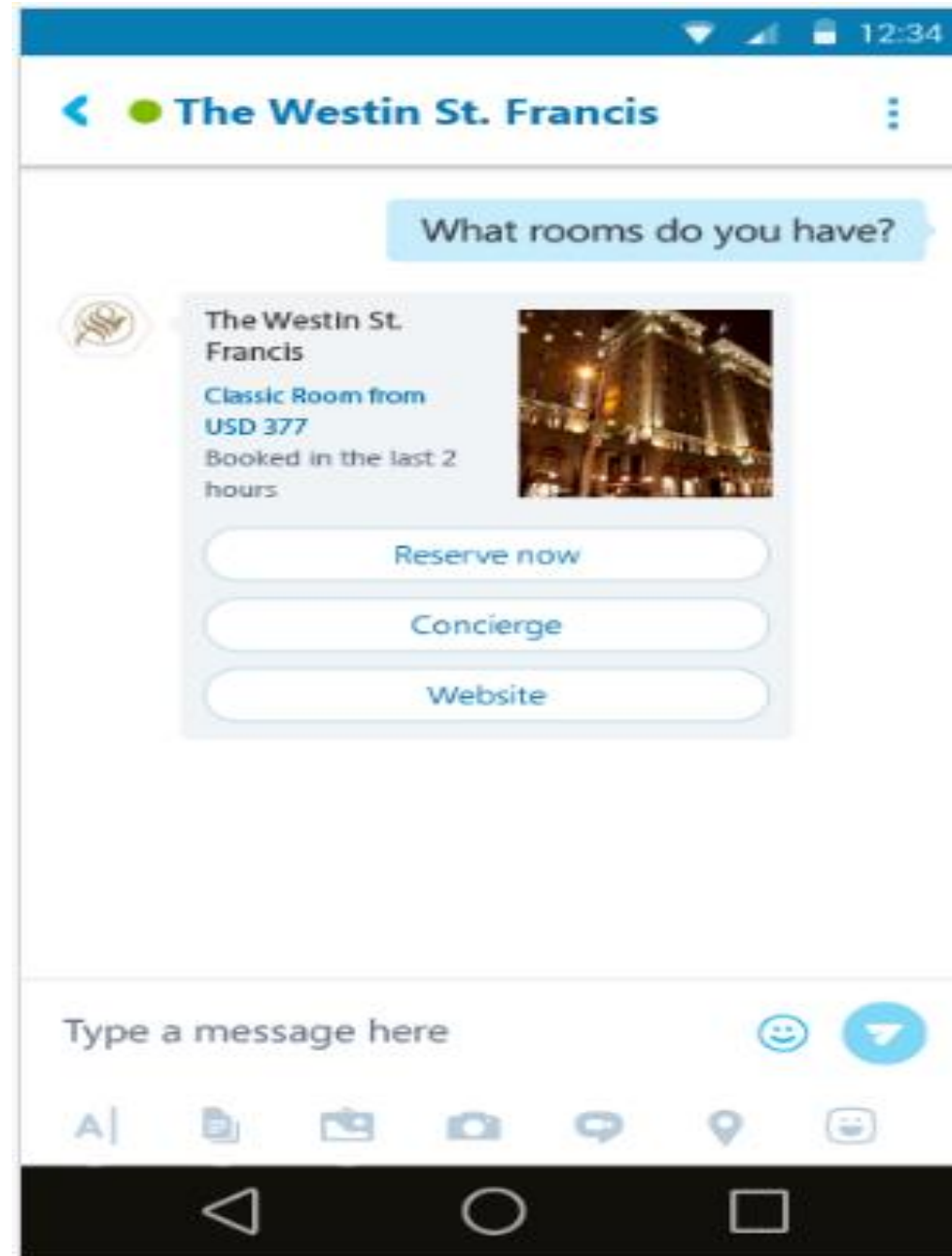
- ▶ Image, title, subtitle, text + 3 buttons
- ▶ Title, subtitle, text + 5 buttons
- ▶ Title + 6 buttons
- ▶ Image + 6 buttons



Property	Type	Description
title	Rich text	Title of the card. Maximum 2 lines
subtitle	Rich text	Subtitle appears just below the Title. Maximum 2 lines
text	Rich text	Text appears just below the subtitle. 2, 4 or 6 lines depending on whether title and subtitle are specified
images: []	Array of images	Image displayed at top of card. Aspect ratio 16:9
buttons: []	Array of action objects	Set of actions applicable to the current card. 3 buttons up to a maximum of 6 (+2 if no image is shown, +1 if title or subtitle not included, +2 if text is not included)
tap	Action object	This action will be activated when the user taps on the card itself

Skype- Thumbnail card

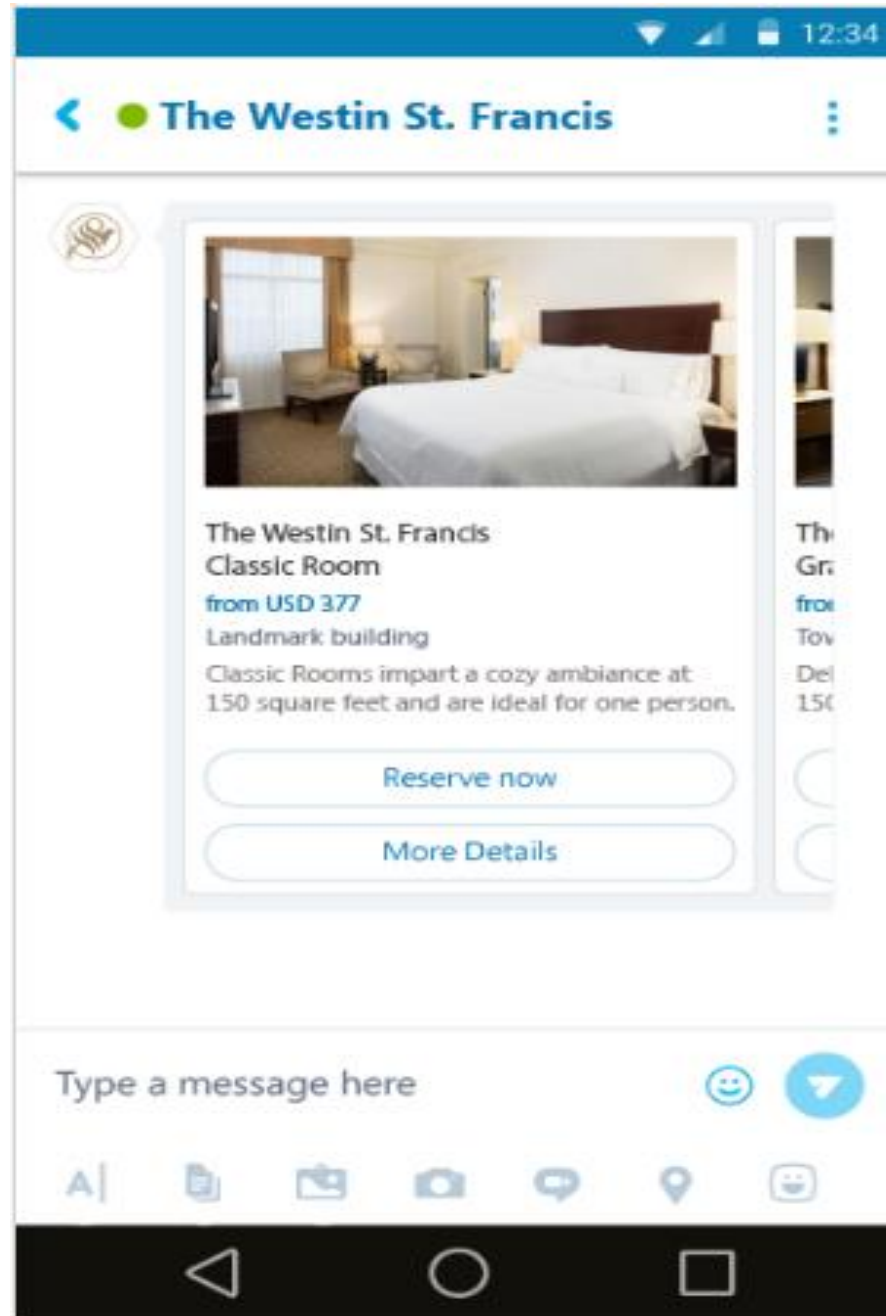
- ▶ The thumbnail card renders a title, subtitle, text, small thumbnail image and buttons.



Property	Type	Description
title	Rich text	Title of the card. Maximum 2 lines
subtitle	Rich text	Subtitle appears just below the Title. Maximum 2 lines
text	Rich text	Text appears just below the subtitle. 2, 4 or 6 lines depending on whether title and subtitle are specified
images: []	Array of images	Image displayed at top of card. The image aspect ratio in a thumbnail card is 1:1
buttons: []	Array of action objects	Set of actions applicable to the current card. Maximum 3 buttons.
tap	Action object	This action will be activated when the user taps on the card itself

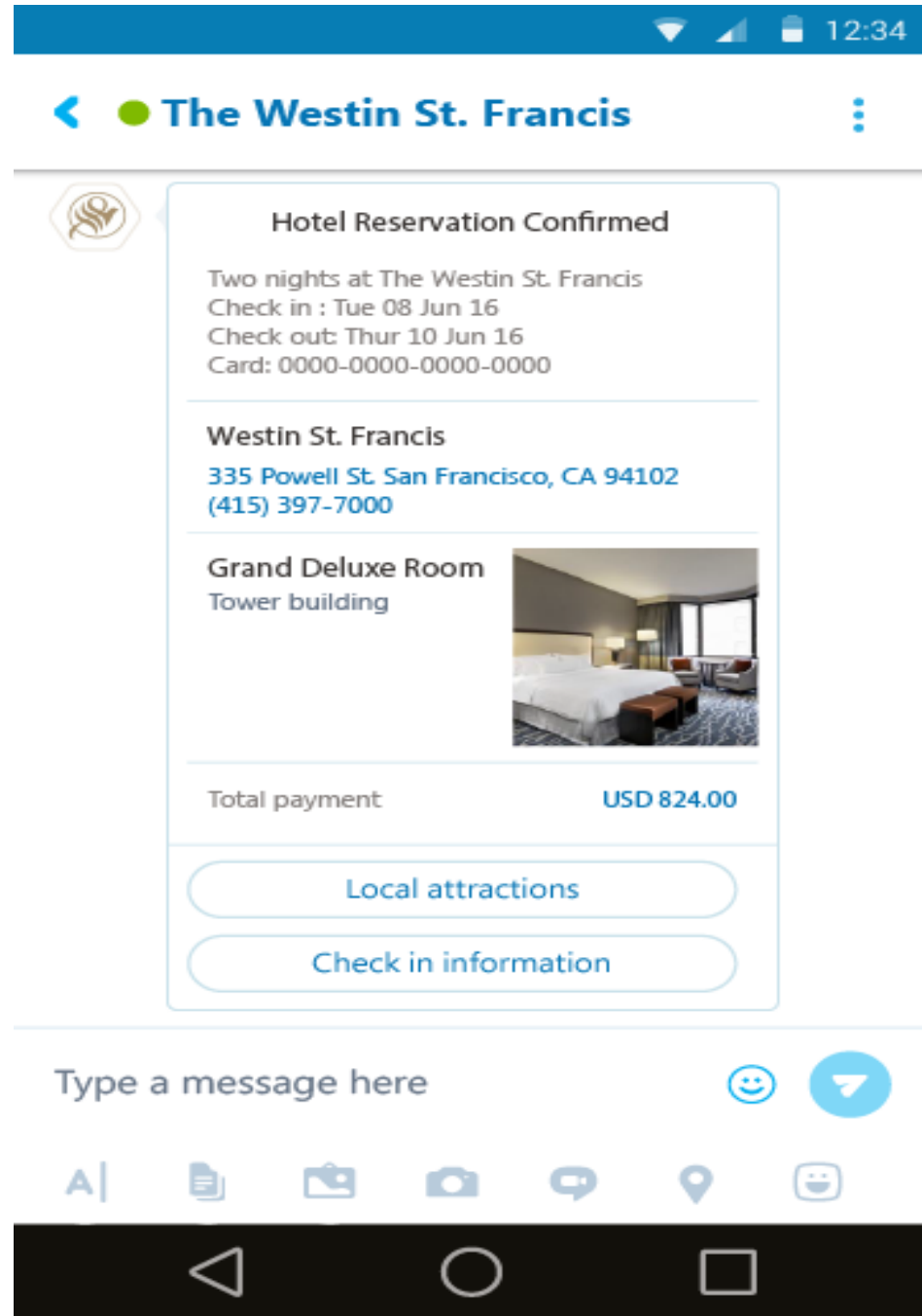
Skype- Carousel

- ▶ The carousel card can be used to show a carousel of images and text, with associated action buttons.



Skype- Receipt

- ▶ The receipt card can be used to send a receipt.

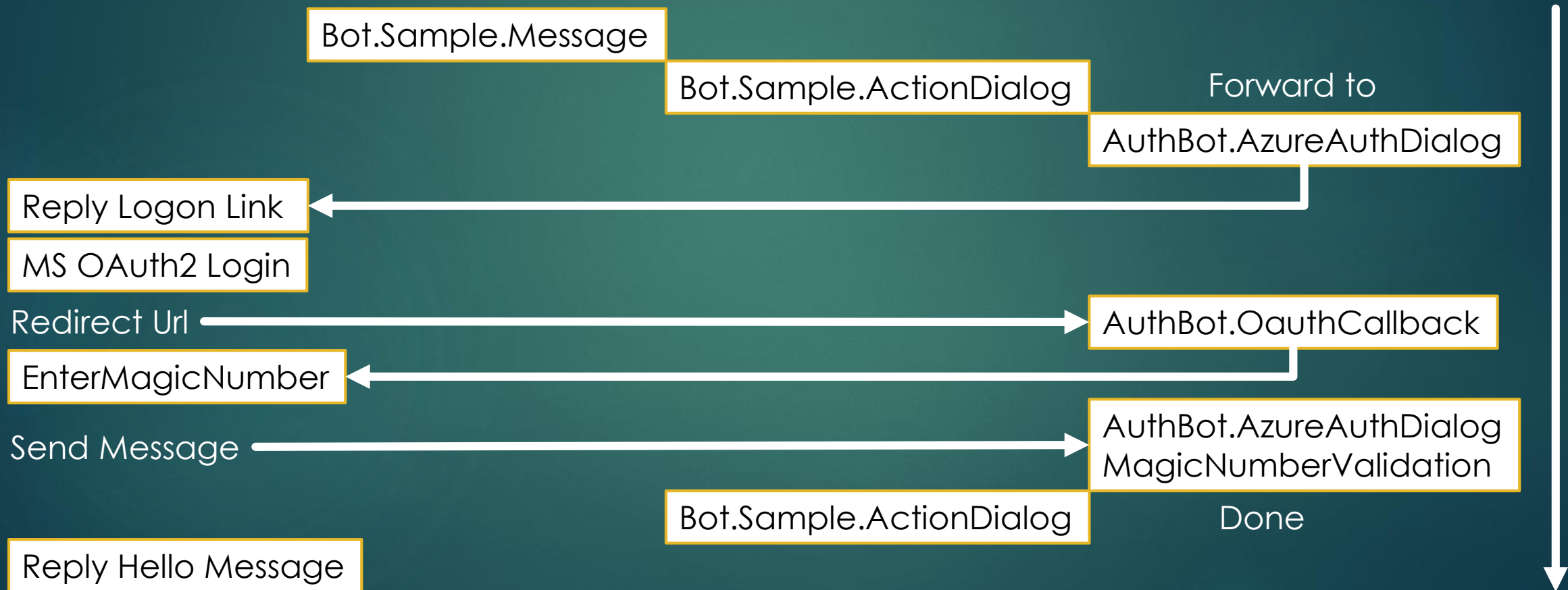


Property	Type	Description
title	Rich text	Title of the card. Maximum 2 lines
facts:[]	Array of Fact key-value pairs	Fact key is left aligned, value is right aligned
items:[]	Array of Purchased objects	Properties: title (Maximum 2 lines), subtitle (1 line), text (Up to 6 lines depending if title, subtitle and price are present), price, image (1:1 aspect ratio), tap
total	Rich text	Title of the card. Maximum 2 lines
tax	Rich text	Title of the card. Maximum 2 lines

vat	Rich text	Title of the card. Maximum 2 lines
items:[]	Rich text	Title of the card. Maximum 2 lines
images:[]	Array of images	Image displayed with each item. Aspect ratio 16:9
buttons:[]	Array of action objects	Set of actions applicable to the current card
tap	Action object	This action will be activated when the user taps on the card itself

AuthBot: Use Auth2.0 in Bot Framework

13



Lunch time

Hands-On Lab-prepare

15

- ▶ Registry a Bot
- ▶ Registry an Application
- ▶ Azure WebApp or ther web server for publish.

Hands-On Lab 1 : Find Contact in bot & Send Email In Bot

16

- ▶ ContactDialog.cs
- ▶ EmailDialog.cs

Hands-On Lab 2 : Get Calendar Events 、 Create a Event

17

▶ CalendarDialog.cs

Hands-On Lab 3 : Get OneDriveFile, Upload File or image to One Drive

18

► OneDriveDialog.cs

Q&A

See you next section!