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# IRD to Composer Migration

Voice Treatment Objects Migration

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# Voice Treatment Objects Migration

For the most part, Composer has a 1:1 mapping with IRD Treatment objects; however, migration combines similar Treatment objects into one block. Busy treatment properties from IRD's Selection object are mapped to Treatment objects as per the mapping rules defined below.

- Note: Composer Busy Treatments are provided through the same Treatment blocks used for Mandatory Treatments.

## Busy Object

Composer migrates IRD's Busy object to an instance of the PlaySound block.

| IRD Source Element | Composer Target Element        | Transformation                                            | Comments |
|--------------------|--------------------------------|-----------------------------------------------------------|----------|
|                    | Sound Type property = BusyTone | Implicit SoundType setting to reflect the IRD block type. |          |
| Duration Property  | Duration Property              | None. Both source and target properties are integers.     |          |

## Fast Busy Object

Composer migrates IRD's Fast Busy object to an instance of the PlaySound block.

| IRD Source Element | Composer Target Element            | Transformation                                            | Comments |
|--------------------|------------------------------------|-----------------------------------------------------------|----------|
|                    | Sound Type property = FastBusyTone | Implicit SoundType setting to reflect the IRD block type. |          |
| Duration Property  | Duration Property                  | None. Both source and target properties are integers.     |          |

## Music Object

Composer migrate IRD's Music object to an instance of the Play Sound block.

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| IRD Source Element | Composer Target Element     | Transformation                                            | Comment |
|--------------------|-----------------------------|-----------------------------------------------------------|---------|
| -                  | Sound Type property = Music | Implicit SoundType setting to reflect the IRD block type. |         |
| Duration           | Duration                    | Direct Mapping                                            |         |
| MUSIC_DN           | Resource                    | Direct Mapping                                            |         |

## Ringback Object

Composer migrates IRD's Ringback object to an instance of the Play Sound Block.

| IRD Source Element | Composer Target Element        | Transformation                                            | Comment                        |
|--------------------|--------------------------------|-----------------------------------------------------------|--------------------------------|
| -                  | Sound Type property = Ringback | Implicit SoundType setting to reflect the IRD block type. |                                |
| Compatible Mode    | Compatibility Mode             | Direct Mapping                                            | New property in Composer block |
| Duration           | Duration                       | Direct Mapping                                            |                                |

## Silence Object

Composer migrates IRD's Silence object to an instance of the Play Sound Block.

| IRD Source Element | Composer Target Element       | Transformation                                            | Comment                        |
|--------------------|-------------------------------|-----------------------------------------------------------|--------------------------------|
| -                  | Sound Type property = Silence | Implicit SoundType setting to reflect the IRD block type. |                                |
| Compatible Mode    | Compatibility Mode            | Direct Mapping                                            | New property in Composer block |
| Duration           | Duration                      | Direct Mapping                                            |                                |

## Pause Object

Composer migrates IRD's Pause object to an instance of the Pause Block.

| IRD Source Element | Composer Target Element | Transformation | Comment |
|--------------------|-------------------------|----------------|---------|
| Duration           | Duration                | Direct Mapping |         |

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## RAN Object

Composer migrates IRD's RAN object to an instance of the Play Sound Block.

| IRD Source Element | Composer Target Element   | Transformation                                            | Comment |
|--------------------|---------------------------|-----------------------------------------------------------|---------|
| -                  | Sound Type property = RAN | Implicit SoundType setting to reflect the IRD block type. |         |
| ROUTE              | Resource                  | Direct Mapping                                            |         |
| Duration           | Duration                  | Direct Mapping                                            |         |

## Set Default Destination Object

Composer migrates IRD's Set Default Destination object to an instance of the Set Default Route Block.

| IRD Source Element | Composer Target Element | Transformation | Comment |
|--------------------|-------------------------|----------------|---------|
| Destination        | Destination             | Direct Mapping |         |

## Play Announcement Object

Composer migrates IRD's Play Announcement object to an instance of the Play Message Block.

| IRD Source Element     | Composer Target Element                 | Transformation | Comment                                                                                            |
|------------------------|-----------------------------------------|----------------|----------------------------------------------------------------------------------------------------|
| -                      | Type Of Prompts property = Announcement |                | Type property implicitly set to Announcement since block supports functions of multiple IRD blocks |
| Language               | Language                                | Direct Mapping |                                                                                                    |
| Wait for Treatment End | -                                       | Not supported  |                                                                                                    |
| MSGID                  | Map to Prompt element : MSGID           | Direct Mapping | New type added to Composer.                                                                        |
| MSGTXT                 | Map to Prompt element: MSGTXT           | Direct Mapping | New type added to Composer.                                                                        |
| PROMPT                 | See Prompts Element Migration           | Direct Mapping |                                                                                                    |

## Prompts Element

Many IRD objects use prompt elements. IRD prompt values are migrated to Composer prompt elements.

| IRD Source Element | Composer Target Element | Transformation           | Comments |
|--------------------|-------------------------|--------------------------|----------|
| Interruptible      | Interruptible           | Direct Mapping           |          |
| ID                 | Value                   | Type = Announcement      |          |
| Digits             | Value                   | Type = Formatted Digits  |          |
| User_Ann_ID        | Value                   | Type = User Announcement |          |
| Text               | Value                   | Type = Text              |          |

## Play Announcement and Collect Digits

Composer migrates IRD's Play Announcement & Collect Digits object to an instance of the User Input block.

In the User Input block, you must specify a variable to hold the collected digits.

| IRD Source Element     | Composer Target Element        | Transformation   | Comments                                    |
|------------------------|--------------------------------|------------------|---------------------------------------------|
| -                      | Type of Prompts = Announcement | Implicit setting | User Input block wraps multiple IRD objects |
| Wait for Treatment End | Wait for Treatment End         | Direct Mapping   |                                             |
| Language               | Language                       | Direct Mapping   |                                             |
| MAX_DIGITS             | Number of Digits               |                  |                                             |
| ABORT_DIGITS           | Abort Digits                   | Direct Mapping   |                                             |
| IGNORE_DIGITS          | Ignore Digits                  | Direct Mapping   |                                             |
| BACKSPACE_DIGITS       | Backspace Digits               | Direct Mapping   |                                             |
| TERM_DIGITS            | Termination Digits             | Direct Mapping   |                                             |
| RESET_DIGITS           | Reset Digits                   | Direct Mapping   |                                             |
| CLEAR_DIGITS           | Clear Input                    | Direct Mapping   |                                             |
| START_TIMEOUT          | Start Timeout                  | Direct Mapping   |                                             |
| DIGIT_TIMEOUT          | Digit Timeout                  | Direct Mapping   |                                             |
| TOTAL_TIMEOUT          | Total Timeout                  | Direct Mapping   |                                             |
| MSGID                  | Map to Prompt element : MSGID  | Direct Mapping   |                                             |
| MSGTXT                 | Map to Prompt element: MSGTXT  | Direct Mapping   |                                             |

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| IRD Source Element | Composer Target Element       | Transformation | Comments |
|--------------------|-------------------------------|----------------|----------|
| Prompt             | See Prompts Element Migration |                |          |

## Text to Speech & Collect Digits

Composer migrates IRD's Text to Speech & Collect Digits object to an instance of the User Input block.

| IRD Source Element | Composer Target Element             | Transformation   | Comments                                    |
|--------------------|-------------------------------------|------------------|---------------------------------------------|
| -                  | Type of Prompts = Text to Speech    | Implicit setting | User Input block wraps multiple IRD objects |
| Language           | Language                            | Direct Mapping   |                                             |
| MAX_DIGITS         | Number of Digits                    | Direct Mapping   |                                             |
| ABORT_DIGITS       | Abort Digits                        | Direct Mapping   |                                             |
| IGNORE_DIGITS      | Ignore Digits                       | Direct Mapping   |                                             |
| BACKSPACE_DIGITS   | Backspace Digits                    | Direct Mapping   |                                             |
| TERM_DIGITS        | Termination Digits                  | Direct Mapping   |                                             |
| RESET_DIGITS       | Reset Digits                        | Direct Mapping   |                                             |
| CLEAR_DIGITS       | Clear Input                         | Direct Mapping   |                                             |
| START_TIMEOUT      | Start Timeout                       | Direct Mapping   |                                             |
| DIGIT_TIMEOUT      | Digit Timeout                       | Direct Mapping   |                                             |
| TOTAL_TIMEOUT      | Total Timeout                       | Direct Mapping   |                                             |
| Prompt             | See Prompts Element Migration above |                  |                                             |

## Play Application Object

Composer migrates IRD's Play Application object to an instance of the Play Application block.

| IRD Source Element     | Composer Target Element | Transformation | Comments |
|------------------------|-------------------------|----------------|----------|
| Wait for Treatment End | Wait for Treatment End  | Direct Mapping |          |
| Language               | Language                | Direct Mapping |          |
| APP_ID                 | Resource (Type = Id)    | Direct Mapping |          |
| Parameters List<>      | Parameters List<>       | Direct Mapping |          |

## Record User Announcement Object

Composer migrates IRD's Record User Announcement object to an instance of the Create User Announcement block.

| IRD Source Element     | Composer Target Element | Transformation | Comments |
|------------------------|-------------------------|----------------|----------|
| Wait for Treatment End | Wait for Treatment End  | Direct Mapping |          |
| ABORT_DIGITS           | Abort Digits            | Direct Mapping |          |
| TERM_DIGITS            | Termination Digits      | Direct Mapping |          |
| RESET_DIGITS           | Reset Digits            | Direct Mapping |          |
| START_TIMEOUT          | Start Timeout           | Direct Mapping |          |
| TOTAL_TIMEOUT          | Total Timeout           | Direct Mapping |          |
| Prompt                 | See Prompts Element     |                |          |

## Delete User Announcement

Composer migrates IRD's Delete User Announcement object to an instance of the Delete User Announcement block.

| IRD Source Element | Composer Target Element | Transformation | Comments |
|--------------------|-------------------------|----------------|----------|
| USER_ID            | User Id                 | Direct Mapping |          |
| USER_ANN_ID        | Announcement Id         | Direct Mapping |          |

## IVR Object

Composer migrates IRD's IVR object to an instance of the IVR block.

| IRD Source Element | Composer Target Element | Transformation | Comments                |
|--------------------|-------------------------|----------------|-------------------------|
| Compatible Mode    | Compatibility Mode      | Direct Mapping |                         |
| LABEL              | Remote Resource         | Direct Mapping | Compatible Mode = False |
| DNIS               | Failover Resource       | Direct Mapping | Compatible Mode = False |
| SCRIPT             | Application             | Direct Mapping | Compatible Mode = True  |
| TARGET             | Remote Resource         | Direct Mapping | Compatible Mode = True  |
| DURATION           | Treatment Duration      | Direct Mapping | Compatible Mode = True  |

## Text to Speech Object

Composer migrates IRD's Text to Speech object to an instance of the Play Message block.

| IRD Source Element | Composer Target Element | Transformation            | Comments |
|--------------------|-------------------------|---------------------------|----------|
| Language           | Language                | Direct Mapping            |          |
| Prompt             | Prompt                  | See Prompts Element above |          |

## Verify Digits Object

Composer migrates IRD's Verify Digits object to an instance of the User Input block.

| IRD Source Element     | Composer Target Element | Transformation                                            | Comments |
|------------------------|-------------------------|-----------------------------------------------------------|----------|
| Wait for Treatment End | Wait for Treatment End  | Direct Mapping                                            |          |
| Language               | Language                | Direct Mapping                                            |          |
| COMPARE_DIGITS         | Verification Data       | DTMF Verification<br>Option = Compare Digits              |          |
| COMPARE_USER_ID        | Verification Data       | DTMF Verification<br>Option = Local Table Lookup          |          |
| COMPARE_PLAN_ID        | Verification Data       | DTMF Verification<br>Option = Compare Dialing Plan Format |          |
| NUM_ATTEMPTS           | Verification Attempts   | Direct Mapping                                            |          |
| NUM_DIGITS             | Number of Digits        | Direct Mapping                                            |          |
| ABORT_DIGITS           | Abort Digits            | Direct Mapping                                            |          |
| IGNORE_DIGITS          | Ignore Digits           | Direct Mapping                                            |          |
| BACKSPACE_DIGITS       | Backspace Digits        | Direct Mapping                                            |          |
| TERM_DIGITS            | Termination Digits      | Direct Mapping                                            |          |
| RESET_DIGITS           | Reset Digits            | Direct Mapping                                            |          |
| CLEAR_DIGITS           | Clear Input             | Direct Mapping                                            |          |
| START_TIMEOUT          | Start Timeout           | Direct Mapping                                            |          |
| DIGIT_TIMEOUT          | Digit Timeout           | Direct Mapping                                            |          |
| TOTAL_TIMEOUT          | Total Timeout           | Direct Mapping                                            |          |
| Prompt                 | Prompts                 | See Prompts Element above                                 |          |
| Reprompt               | Retry Prompts           | See Prompts Element above                                 |          |

| IRD Source Element | Composer Target Element | Transformation            | Comments |
|--------------------|-------------------------|---------------------------|----------|
| Success            | Success Prompts         | See Prompts Element above |          |
| Failure            | Failure Prompts         | See Prompts Element above |          |