

NaviBridge

URL Scheme Specification

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【Parameters List】

Your application needs to send some parameters based on the following parameter specification to cooperate with NaviBridge.

Example: When your application would like to display a text message like “abc” on NaviBridge, you need to set “abc” to “title” parameter like “title=(abc)”.

(1) setPOI Command's Parameter

•Parameter Format

| Parameter Format | Direction | Required |
|------------------|---|---|
| ver=(ver) | Scheme's Version This parameter is used in NaviBridge's internal processing.. The decimal number needs to be set to this parameter. If this parameter is blank or undefined, an error will occur. | ○ |
| ll=(lat),(lng) | Coordinates (lat, lng) This parameter is used to set Pin on NaviBridge. (lat) means latitude[°] and (lng) means longitude[°]. Both of them need to be set with decimal number. Datum is WGS84. 【Range】 $-90.0 < \text{lat} < 90.0$ $-180.0 \leq \text{lng} \leq 180.0$ If your application set value outside of the range, or either LI (POI Coordinates) or addr (POI Address) is blank, an error will occur. | ○ (Either LI(POI Coordinates) or addr(POI Address) is required.) |
| addr=(addr) | Address This parameter is used to display address on the POI detail screen on NaviBridge. Put a blank between names of building and block number, if you would like to set both of them. If this parameter is not set, the address is not displayed on POI detail screen. If LI (POI Coordinates) is undefined, POI Coordinates are set via Google API search with this parameter. If Both LI (POI Coordinates) and addr (POI Address) are blank or undefined, an error will occur. | |

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|-------------------|--|---|
| appName=(appName) | <p>Application ID/Website ID (*1)</p> <p>This parameter is used NaviBridge's internal processing.</p> <p>Smartphone application: Application ID</p> <p>Website: Website ID</p> <p>If this parameter is blank or undefined, an error will occur.</p> | ○ |
| Title=(title) | <p>Title.</p> <p>This parameter is used to display location name on balloon view and POI detail screen..</p> <p>The number of characters is unlimited. However, if it exceeds the display range, those characters beyond that are omitted (Display Range: around 26 one-byte or 13 two-byte letters).</p> <p>If this parameter is blank or undefined, "Untitled".</p> <p>* How to omit: Replace excessive letters with "...".</p> | |
| radKM=(radKM) | <p>Map Scale (km)</p> <p>This parameter is used to adjust map scale of NaviBridge.</p> <p>Specify NaviBridge's map scale with the radius of the circle (KM) centering POI coordinates.</p> <p>(radKM) has priority over (radML) if both of them are set.</p> <p>Last screen's scale is used if neither of them is blank or undefined.</p> <p>Approximate range can be set with this parameter because map scale is automatically adjusted by Google MAP API.</p> <p>【Range】</p> <p>0 < radKM</p> <p>If its value of this parameter is larger than the radius of the Earth, it is rounded to 1/2 the circumference of the Earth.</p> | |
| radML=(radML) | <p>Map Scale (mile)</p> <p>This parameter is used to adjust map scale of NaviBridge.</p> <p>Specify NaviBridge's map scale with the radius of the circle (KM) centering POI coordinates.</p> <p>(radKM) has priority over (radML) if both of them are set.</p> <p>Last screen's scale is used if neither of them is blank or undefined.</p> <p>Approximate range can be set with this parameter because map scale is automatically adjusted by Google MAP API.</p> <p>【Range】</p> <p>0 < radML</p> <p>If its value of this parameter is larger than the radius of the Earth, it is rounded</p> | |

| | | |
|-------------------|--|--|
| | to 1/2 the circumference of the Earth. | |
| tel=(tel) | Phone Number This parameter is used to display phone number on the POI detail screen. Numbers (0 to 9) and signs (+, *, #) can be set as the parameter (without -). If the parameter is blank or undefined, phone number is not displayed. | |
| text=(text) | Text This parameter is used to display message on pup-up window after starting NaviBridge or on POI detail screen. It is used to show optional messages to NaviBridge users from your application/website. The number of characters is unlimited. However, if it exceeds the display range, those characters beyond that are omitted (Display Range: around 26 one-byte or 13 two-byte letters). If this parameter is blank or undefined, nothing will be displayed. * How to omit: Replace excessive letters with "...". | |
| callURL=(callURL) | URL to invoke your application/web site from NaviBridge This parameter is used to invoke your application/web site from NaviBridge after NaviBridge sends POI to car navigation system. Your application can achieve to provide a seamless service to users by using this parameter. When NaviBridge can't send POI to car navigation system, NaviBridge doesn't invoke your application/web site. | |

(* 1) Application ID/Website ID can be acquired from “NaviBridge Schema Download Site”.

URL: https://navicon.denso.co.jp/navicon_download/

•Example

NaviCon://setPOI?ver=1.x&addr=%E6%84%9B%E7%9F%A5%E7%9C%8C%E5%88%88%E8%B0%B7%E5%B8%82%E6%98%AD%E5%92%8C%E7%94%BA%EF%BC%91%E4%B8%81%E7%9B%AE%EF%BC%91&appName=12345678&title=%E3%83%87%E3%83%B3%E3%82%BD%E3%83%BCcafe&radKM=15&tel=0566255511&text=%E3%83%87%E3%83%B3%E3%82%BD%E3%83%BC&callURL= ShopSearch%3A%2F%2FShopSearch%2Eco%2Ejp

(2) setMultiPOI Command's Parameter

setMultiPOI can be used based on the following conditions.

- (number) is integer (1 to 5) and shows the order of POIs.
- If (number) is skipped, an error will occur. (Example: 4 comes after 1, 2.)
- Maximum 5 POIs can be set as destinations at the same time.

Parameter's order must be follow the list below. If it's not, an error will occur.

•Parameter Format

| Parameter Format | Direction | Multiple Parameters | Required |
|------------------------|---|---------------------|----------|
| ver=(ver) | Scheme's Version This parameter is used in NaviBridge's internal processing. The decimal number needs to be set to this parameter. If this parameter is blank or undefined, an error will occur. | | ○ |
| appName=(appName) | Application ID/Website ID This parameter is used NaviBridge's internal processing. Smartphone application: Application ID Website: Website ID If this parameter is blank or undefined, an error will occur. | | ○ |
| ll(number)=(lat),(lng) | Coordinates (lat, lng) This parameter is used to set Pin on NaviBridge. (lat) means latitude[°] and (lng) means longitude[°]. Both of them need to be set with decimal number. Datum is WGS84. 【Range】 $-90.0 < \text{lat} < 90.0$ $-180.0 \leq \text{lng} \leq 180.0$ If your application set value outside of the range, or either LI (POI Coordinates) or addr (POI Address) is blank, an error will occur. | ○ | ○ |

| | | | |
|-----------------------|--|---|--|
| addr(number)=(addr) | <p>Address</p> <p>This parameter is used to display address on the POI detail screen on NaviBridge.</p> <p>Put a blank between names of building and block number, if you would like to set both of them.</p> <p>If this parameter is not set, the address is not displayed on POI detail screen.</p> <p>If LI (POI Coordinates) is undefined, POI Coordinates are set via Google API search with this parameter.</p> <p>If Both LI (POI Coordinates) and addr (POI Address) are blank or undefined, an error will occur.</p> | ○ | |
| title(number)=(title) | <p>Title</p> <p>This parameter is used to display location name on balloon view and POI detail screen.</p> <p>The number of characters is unlimited. However, if it exceeds the display range, those characters beyond that are omitted (Display Range: around 26 one-byte or 13 two-byte letters).</p> <p>If this parameter is blank or undefined, “Untitled”.</p> <p>* How to omit: Replace excessive letters with “...”.</p> | ○ | |
| tel(number)=(tel) | <p>Phone Number</p> <p>This parameter is used to display phone number on the POI Info screen.</p> <p>Numbers (0 to 9) and signs (+, *, #) can be set as the parameter (without -).</p> <p>If the parameter is blank, phone number is not displayed.</p> | ○ | |
| text=(text) | <p>Text</p> <p>The text string set with this parameter will be displayed on the pop-up as starting NaviBridge or POI Info screen.</p> <p>It is used to tell optional messages to NaviBridge users from each application/website.</p> <p>The number of letters is unlimited. However, if it is beyond its display range, excessive letters are left out. (Display Range: around 26 one-byte or 13 two-byte letters)</p> <p>If the parameter is blank, nothing will be displayed.</p> | | |

| | | | |
|-------------------|--|--|--|
| | * How to leave out: Replace excessive letters with “...” | | |
| callURL=(callURL) | <p>URL to invoke your application/web site from NaviBridge</p> <p>This parameter is used to invoke your application/web site from NaviBridge after NaviBridge sends POI to car navigation system. Your application can achieve to provide a seamless service to users by using this parameter.</p> <p>When NaviBridge can't send POI to car navigation system, NaviBridge doesn't invoke your application/web site. In addition, when your application/web site sets this parameter in setMultiPOI command and NaviBridge send POI to car navigation system doesn't support multi POI, NaviBridge doesn't invoke your application/web site.</p> | | |

• Example

```
navicon://setMultiPOI?ver=1.x&appName=01234567&ll1=35.185589,136.899063&addr1=%e5%90%8d%e5%8f%a4%e5%b1%8b%e5%b8%82%e4%b8%ad%e5%8c%ba%e6%9c%ac%e4%b8%b81%2d1&title1=%e5%90%8d%e5%8f%a4%e5%b1%8b%e5%9f%8e&tel1=0522311700&ll2=35.180416,136.918671&addr2=%e5%90%8d%e5%8f%a4%e5%b1%8b%e5%b8%82%e6%9d%b1%e5%8c%ba%e6%a9%a6%e6%9c%a8%e7%94%ba3%2d23&title2=%e6%96%87%e5%8c%96%e3%81%ae%e3%81%bf%e3%81%a1%e4%ba%8c%e8%91%89%e9%a4%a8&tel2=0529363836&ll3=35.183868,136.933243&addr3=%e5%90%8d%e5%8f%a4%e5%b1%8b%e5%b8%82%e6%9d%b1%e5%8c%ba%e5%be%b3%e5%b7%9d%e7%94%ba1017&title3=%e5%be%b3%e5%b7%9d%e7%be%8e%e8%a1%93%e9%a4%a8&tel3=0529356269&text=%e5%90%8d%e5%8f%a4%e5%b1%8b%e8%a6%b3%e5%85%89&callURL=SightseeingApp%3a%2f%2fSightseeingApp%2eco%2ejp
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(*) Protocol name is “navicon” rather than “navibridge”.