

**GENIVI Alliance**

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MapViewer

Component Specification

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**Abstract:**

This document provides the Component Specification for the MapViewer

**Keywords:**

Navigation, MapViewer

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# Change History

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Change** |
| 0.1 | 27 Feb 2012 | Marco Residori (XS Embedded) | Document Created |
| 0.2 | 19 Mar 2012 | Marco Residori (XS Embedded) | Updated sequence diagrams.  Updated *Interfaces* chapter. |
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| 3.0.0 | 21 Jan 2014 | Marco Residori (XS Embedded) | Updated API description.  API Version 3.0.0. |
| 3.0.1 | 22 May 2014 | Marco Residori (XS Embedded) | Updated copyright notes. |
| 3.0.2 | 30 June 2014 | Marco Residori (XS Embedded) | Updated contributors list. |
| 4.0 | 7 Feb 2017 | Philippe COLLIOT (PSA GROUPE) | Refine the document for Franca based API |

# Introduction

This document describes the MapViewer API.

# Terminology

|  |  |
| --- | --- |
| ***Term*** | ***Description*** |
| TargetPoint | Point the camera looks at. If the map viewer is set to follow the car position, it coincides with the vehicle position. |
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# Architecture

## Interfaces



## Interaction with other Components



# API

## Git Repository

The MapViewer interfaces can be found in the GENIVI Git repository at:

<https://github.com/GENIVI/navigation/tree/master/api/franca/navigation/mapviewer>

## Sequence Diagrams

### navigation application browses map



### navigation application creates map session



### navigation application sets center



### navigation application sets map zoom by delta



### navigation application shows route



## Interfaces

* 1. The following pages describe the interfaces of the MapViewer API.