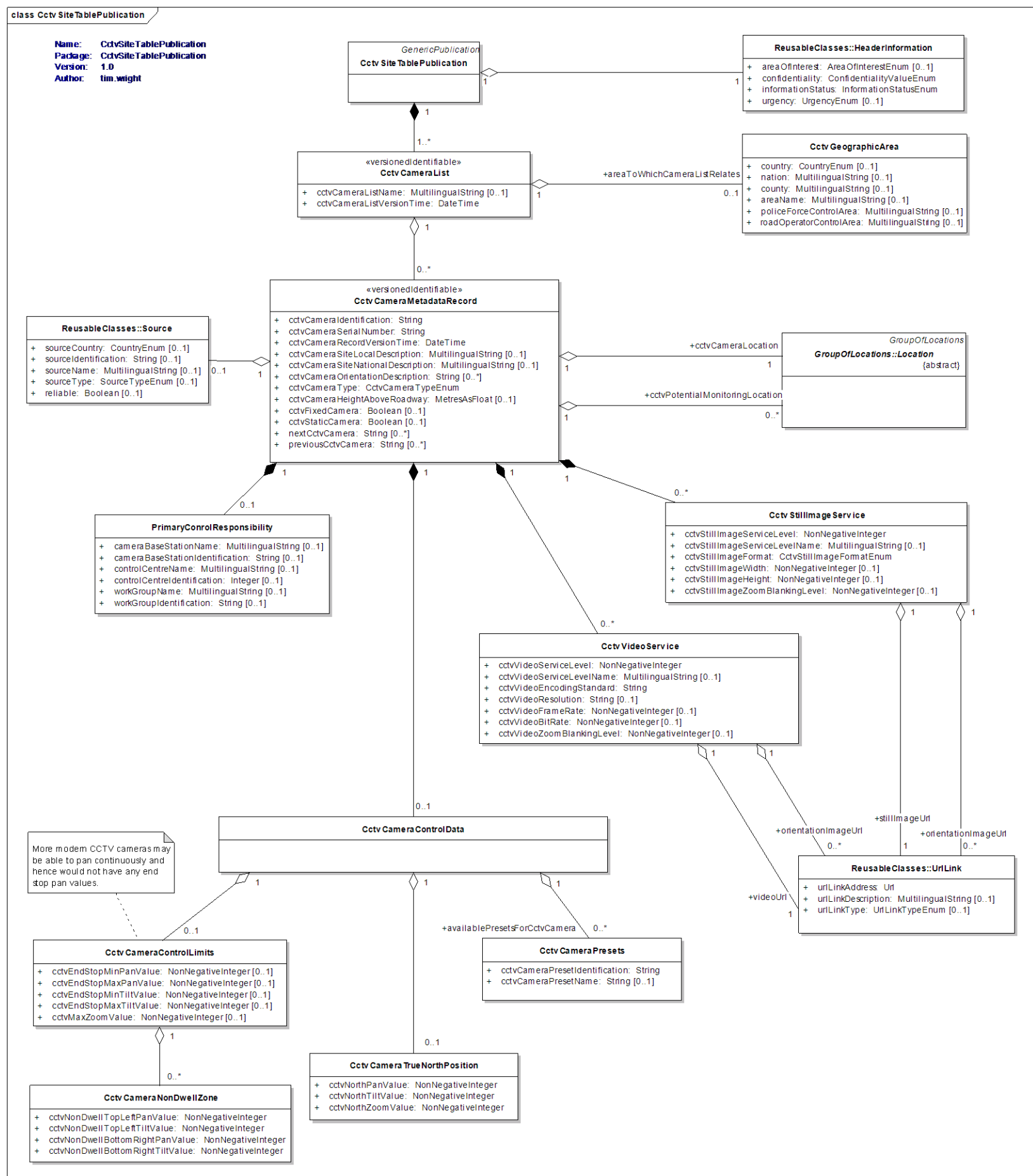# Proposed CCTV Extension Publications

Introduction

This is an initial draft of a proposed level b extension for a new pair of CCTV publications covering the static and dynamic information associated with CCTV cameras. It allows CCTV information to be made available to other authorities and service providers who may wish to make use of the images from those cameras or to those who wish to monitor the status or potentially take control of CCTV cameras deployed on the road network. These publications do not provide any control functionality for CCTV cameras, although the published information may be of use to inform systems that control CCTV cameras.

These publications are intended to be equally applicable to cameras providing still images and video streams, but the actual accessing of the images and video streams are not part of these publications since these processes will normally be specific to the particular systems via dedicated image servers and streaming media servers.

CctvSiteTablePublication

The static information associated with each CCTV camera is modelled in the CctvSiteTablePublication which would normally only need to be accessed when a client initially connects to a supplier or possibly once a day as this data is only likely to change when cameras are reconfigured or redeployed. This is similar to the MeasurementSiteTablePublication used for publishing the static information about measurement sites.

This publication is defined as "*A publication defining one or more lists of CCTV cameras deployed on the road network where each entry on a list identifies metadata relating to an individual CCTV camera*".

CCTV camera lists can be identified as being specific to particular areas or regions, either geographically based and/or control area based.

Every record for a CCTV camera must of course have a specified location, but may also have one or more locations/areas which the camera is capable of monitoring such as a specific junction or stretch of road.

Both the still image and video services that the camera is capable of providing can be specified with details of URLs for accessing those services.

A basic set of CCTV camera control metadata can also be specified, relating to camera movement limits, any preset configured limits which would be available for controlling the CCTV camera and the camera's north positioning values. Details of which base station and associated work group in the control centre has primary control responsibility for each CCTV camera can also be specified.

CctvStatusPublication

The dynamic status information associated with each CCTV camera is modelled in the CctvStatusPublication. This may be used to publish the current status of the still and video image services from each CCTV camera and the status of control of each camera. Also details can be given of the current camera orientation and which location is currently being monitored by each CCTV camera plus any fault status of a camera.