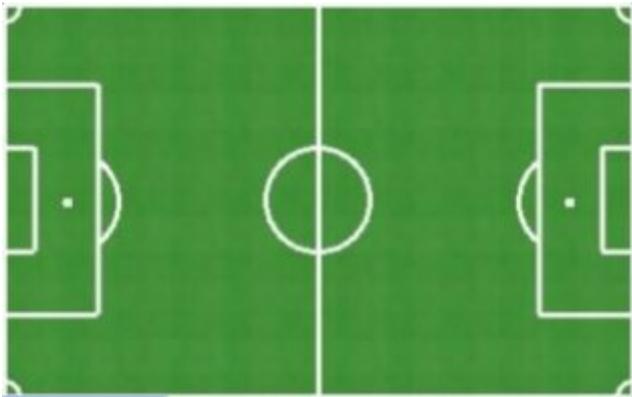




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THE ZONE TOOL

The **zone tool** is used to record where an **event** takes place based on where an image is clicked. The keyword it adds is the coordinates of the clicked position on a grid.



Preparing the Zone tool to record coordinates

1. Set the **Image** property: Any image can be used but it is not resized by Dartfish, so it should be created and edited at appropriate dimensions with image editing software before addition to the panel.
2. Define the grid: **Field height** and **field width** properties are used to define a grid e.g. a **field width** value of 3 would split a soccer pitch into three vertical sections or a **field width** = 100 would split an American football field into 1 yard sections.
3. Define the center of the grid: **Field center X** and **field center Y** properties are used to define the coordinates of the center of the grid. When the **zone tool** is clicked, zones to the left or above the central zone record a negative coordinate, zones below and to the right record a positive coordinate. If left at default settings, the origin will be at the top left corner of the image and the grid area at the top left will record the coordinates (1,1)
4. Set the category: as with all tagging tools, the zone tool requires a category in order to be able to record its keyword in the events list. The default category is 'Field position'

The image below shows the coordinates which are recorded when a zone tool with field height and width=3 and Field center X=2 and Y=2:

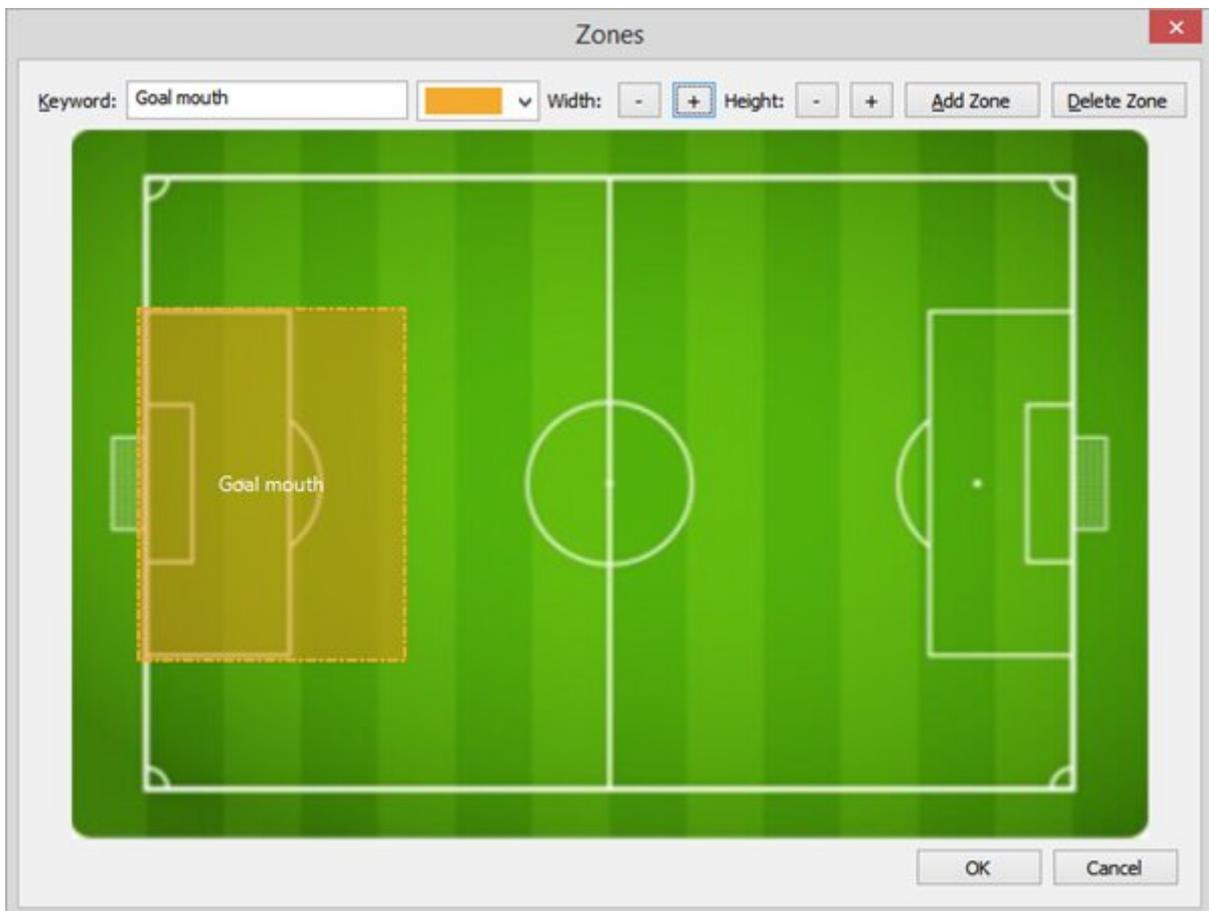


! Each zone has equal dimensions. For sports with playing areas where the zones are not equal it will be necessary to create a zone tool image which distorts the zones to equal sizes.

! The grid is not shown. If it is required, it should be defined on the image itself using image editing software.

Preparing the Zone tool to record text keywords

1. Set the **Zones property**; a new window appears
2. Click the **Add Zone button**
3. Position the new Zone using drag & drop with the mouse
4. Use the **Width** and **Height** buttons to define the size of the zone
5. Define a **Keyword** property for the zone - this is what will be recorded in the events list when the zone is clicked



6. Repeat for other zones

Areas of the image without a defined zone will continue to record coordinates based on the **Field Height** and **Field Width** properties

! If zones overlap, the keyword of the top zone will be used

Event creation tool or keyword addition tool?

By default, the zone tool is a keyword addition tool. It can alternatively be used to create events. To do this set the **Action property** to 'Event' and define **Preroll** and **Duration** properties as for an event button.