

# IRacer: Infrared Remotely Controlled RCX Vehicle

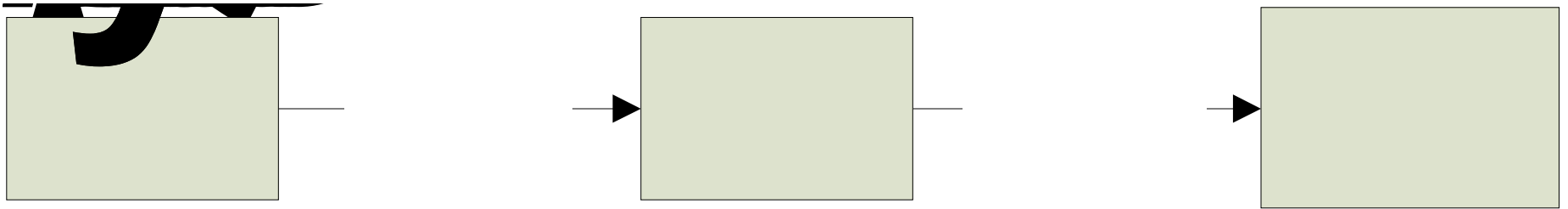
Michael Gaiman

&

Christopher Toombs

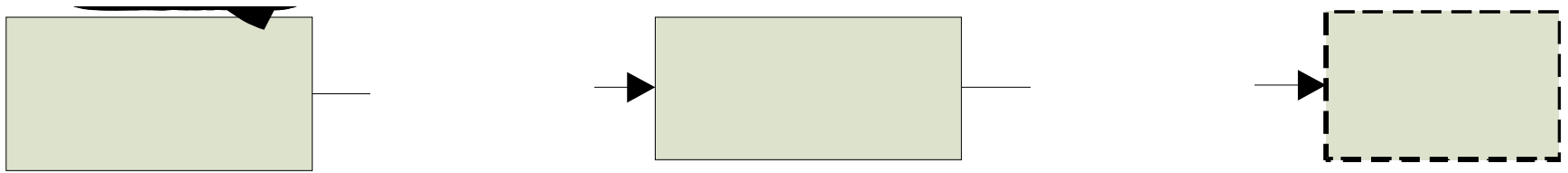
# CONTROLLER HARDWARE

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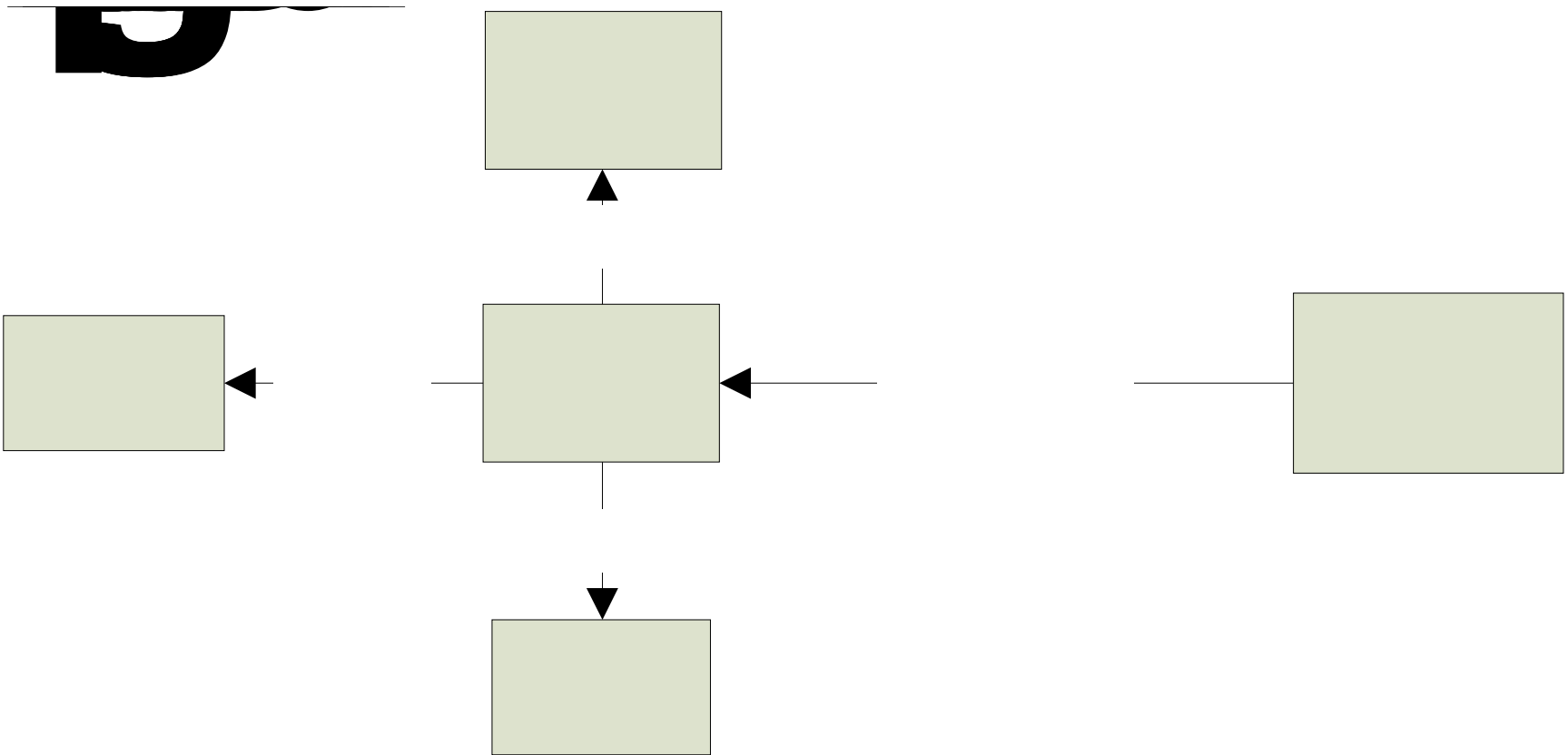
# CONTROLLER SOFTWARE

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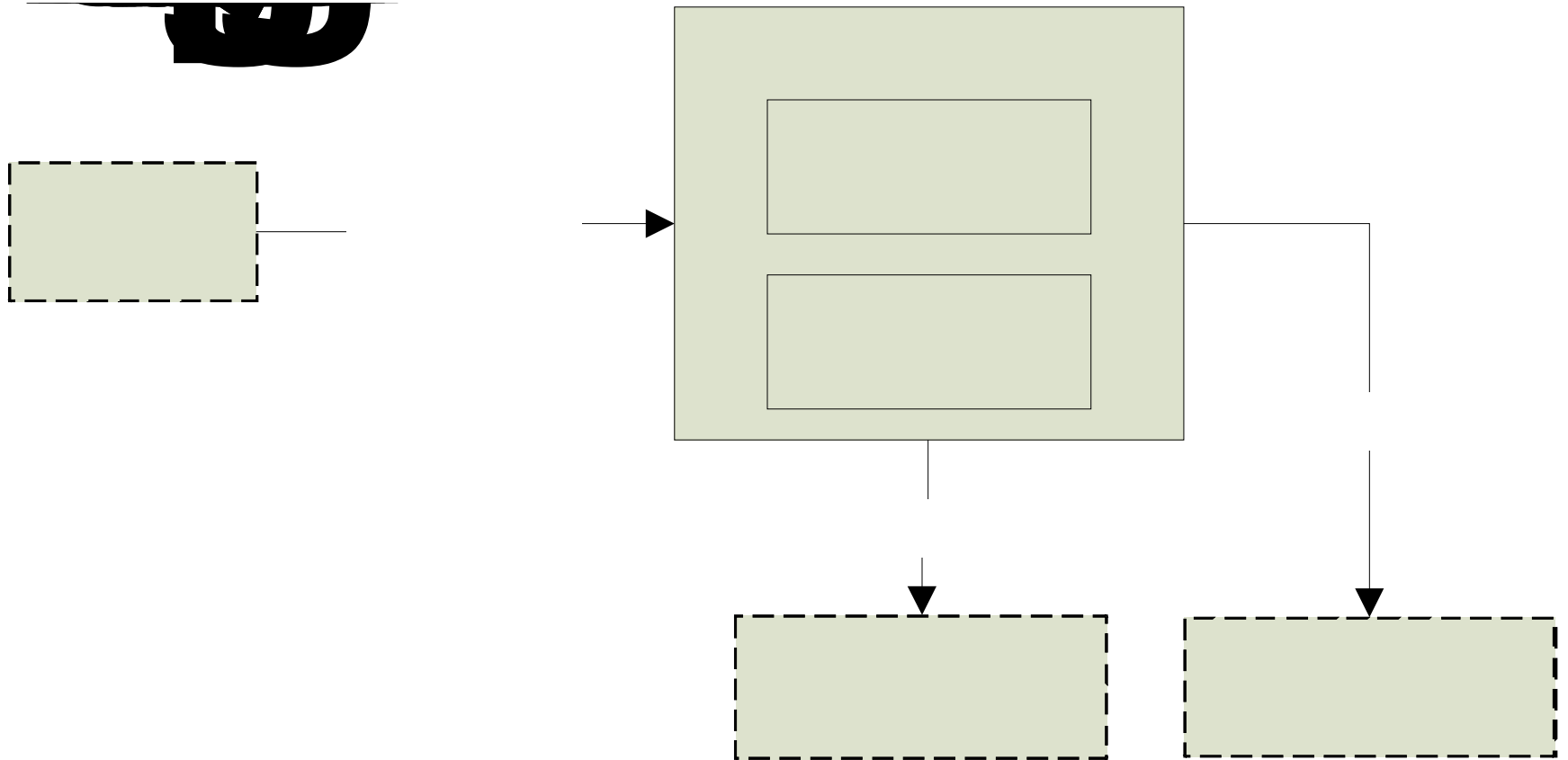
# VEHICLE HARDWARE

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# VEHICLE SOFTWARE

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# IRACER COMM. PROTOCOL

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<b>Command</b>	<b>Command Code</b>	<b>Command Value</b>
<b>Forward</b>	<b>(TG_FWD)</b>	<b>0x01</b>
<b>Backward</b>	<b>(TG_REV)</b>	<b>0x02</b>
<b>Turn Left</b>	<b>(TG_LFT)</b>	<b>0x04</b>
<b>Turn Right</b>	<b>(TG_RGT)</b>	<b>0x08</b>
<b>Sound</b>	<b>(TG_SND)</b>	<b>0x10</b>
<b>Stop</b>	<b>(TG_STP)</b>	<b>0x20</b>