

## CI2 Défi-Robot Programmation du Robot

### Présentation des commandes *TRADUCTION ANGLAIS / FRANCAIS*

Commandes Général		Commandes Variables		Commandes Procédures	
<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center; margin: 0;">Commandes</p> <p style="text-align: center; margin: 0;">Général</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="background-color: #4CAF50; color: white; border-radius: 10px; padding: 5px; text-align: center;">Début</div> <div style="background-color: #F44336; color: white; border-radius: 10px; padding: 5px; text-align: center;">Fin</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Sorties</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Activer</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Désactiver</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Moteurs</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Attendre</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Décision</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Analogue</div> <div style="background-color: #FFEB3B; padding: 5px; text-align: center;">Comment</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Code en BASIC</div> </div> </div>	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center; margin: 0;">Command List</p> <p style="text-align: center; margin: 0;">Common</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="background-color: #4CAF50; color: white; border-radius: 10px; padding: 5px; text-align: center;">Start</div> <div style="background-color: #F44336; color: white; border-radius: 10px; padding: 5px; text-align: center;">Stop</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Outputs</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">High</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Low</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Motor</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Wait</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Decision</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Analogue</div> <div style="background-color: #FFEB3B; padding: 5px; text-align: center;">Comment</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">BASIC</div> </div> </div>	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center; margin: 0;">Commandes</p> <p style="text-align: center; margin: 0;">Général</p> <p style="text-align: center; margin: 0;">Variables</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Comparer</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Expression</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Incrément</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Décrément</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Aléatoire</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Entrées</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Sortie</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Lancer Timer</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Arrêter Timer</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Lire EEPROM</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Ecrire EEPROM</div> </div> </div>	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center; margin: 0;">Command List</p> <p style="text-align: center; margin: 0;">Common</p> <p style="text-align: center; margin: 0;">Variables</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Compare</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Expression</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Inc</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Dec</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Random</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">In</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Out</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Time On</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Time Off</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Read</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Write</div> </div> </div>	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center; margin: 0;">Commandes</p> <p style="text-align: center; margin: 0;">Général</p> <p style="text-align: center; margin: 0;">Variables</p> <p style="text-align: center; margin: 0;">Procédures</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Procédure</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Aller à Procédure</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Appeler Procédure</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Retour</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Interrupt</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Config Interrupt</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Répéter</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Boucler</div> </div> </div>	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center; margin: 0;">Command List</p> <p style="text-align: center; margin: 0;">Common</p> <p style="text-align: center; margin: 0;">Variables</p> <p style="text-align: center; margin: 0;">Procedures</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Procedure</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Goto</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Gosub</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Return</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Interrupt</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Interrupt Setup</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Repeat</div> <div style="background-color: #2196F3; padding: 5px; text-align: center;">Loop</div> </div> </div>

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Sorties son		E/S Séries		Autre E / S	
<div style="border: 1px solid gray; padding: 5px;"> <p>Commandes</p> <p>Général</p> <p>Variables</p> <p>Procédures</p> <p>Sorties son</p> <p><b>Son</b></p> <p><b>Lire l'air</b></p> <p><b>Lire air utilisateur</b></p> <p><b>Lire MP3</b></p> <p><b>Lire iPod</b></p> </div>	<div style="border: 1px solid gray; padding: 5px;"> <p>Command List</p> <p>Common</p> <p>Variables</p> <p>Procedures</p> <p>Sound Output</p> <p><b>Sound</b></p> <p><b>Play Tune</b></p> <p><b>Play User Tune</b></p> <p><b>Play MP3</b></p> <p><b>Play iPod</b></p> </div>	<div style="border: 1px solid gray; padding: 5px;"> <p>Commandes</p> <p>Général</p> <p>Variables</p> <p>Procédures</p> <p>Sorties son</p> <p>E/S séries</p> <p><b>Lire</b></p> <p><b>Entrée série</b></p> <p><b>Envoyer</b></p> <p><b>Sortie série</b></p> <p><b>Débug</b></p> <p><b>LCD</b></p> </div>	<div style="border: 1px solid gray; padding: 5px;"> <p>Command List</p> <p>Common</p> <p>Variables</p> <p>Procedures</p> <p>Sound Output</p> <p>Serial In/Out</p> <p><b>SerIn</b></p> <p><b>SerRxd</b></p> <p><b>SerOut</b></p> <p><b>SerTxd</b></p> <p><b>Debug</b></p> <p><b>LCD</b></p> </div>	<div style="border: 1px solid gray; padding: 5px;"> <p>Commandes</p> <p>Général</p> <p>Variables</p> <p>Procédures</p> <p>Sorties son</p> <p>E/S séries</p> <p>Autres E/S</p> <p><b>Tactile</b></p> <p><b>Mesurer impulsion</b></p> <p><b>Générer impulsion</b></p> <p><b>Basculer</b></p> <p><b>Servo</b></p> <p><b>Moteur Servo</b></p> <p><b>Compter</b></p> <p><b>Entrée Infrarouge</b></p> <p><b>Sortie Infrarouge</b></p> <p><b>Lire temp</b></p> <p><b>C.A.N.</b></p> <p><b>Ultrason</b></p> <p><b>M.L.I.</b></p> <p><b>Sortie MLI</b></p> </div>	<div style="border: 1px solid gray; padding: 5px;"> <p>Command List</p> <p>Common</p> <p>Variables</p> <p>Procedures</p> <p>Sound Output</p> <p>Serial In/Out</p> <p>Other In/Out</p> <p><b>Touch</b></p> <p><b>PulseIn</b></p> <p><b>PulseOut</b></p> <p><b>Toggle</b></p> <p><b>Servo</b></p> <p><b>Servo Motor</b></p> <p><b>Count</b></p> <p><b>InfraIn</b></p> <p><b>InfraOut</b></p> <p><b>ReadTemp</b></p> <p><b>ReadADC</b></p> <p><b>Ultra</b></p> <p><b>PWM</b></p> <p><b>PWMout</b></p> </div>

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